

Variety Description Key

The grey box has been placed at the bottom of each table and displays the "GRAND MEAN" for both Yield (bu/acre) and Protein (%) and the corresponding LSD value ($p < 0.05$).

Except for the long term average yield and protein data, variety description information was obtained from the Co-operative Registration Trials. For Relative Maturity, please keep in mind the actual number of days to reach maturity will depend on local climactic conditions and to some extent on management practices.

Long term yield data is from MCVET plots harvested from 2000 to 2013, while protein data is from MCVET plots harvested from 2002 to 2013. Actual protein will depend on seasonal growing conditions and fertility levels.

"Resistance Level" Disease ratings: R = Resistant; MR = Moderately Resistant; I = Intermediate; MS = Moderately Susceptible; S = Susceptible; " - " = not available

"Resistance Level" Lodging and Sprouting ratings: VG = Very Good; G = Good; F = Fair; P = Poor; VP = Very Poor; " - " = not available.

Site Years Tested is the cumulative number of locations over the years that a variety has been tested. The more site years the more dependable the data.

Ⓒ Indicates a variety that is protected by Plant Breeder's Rights or a variety where protection has been applied for but not yet granted at time of printing.

Key to 2013 Yield and Protein Tables

Yields derived over 2 or more growing seasons are the best indicator of variety performance. Use single site year data with caution.

Data collected from Portage is not presented as an individual site but data is included in the long term yield and protein columns in the Variety Description table.

CV% = Coefficient of Variation. A measure of random variation in a trial. A low CV is desirable.

LSD (bu/acre) = Least Significant Difference. Varieties must differ by the LSD value ($p < 0.05$) to be considered significantly different from one another.

Sign Diff = Significant Difference. Indicates if a real difference exists between varieties at an individual site.

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New for 2014

Variety	Type	Code	Breeder	Distributor	Seed Availability
Amisk	Food and Feed - 6 Row	BT593	Alberta Agriculture & Rural Development	SeCan	2015
Canmore	Food and Feed - 6 Row	TR10694	Alberta Agriculture & Rural Development	CANTERRA SEEDS	2015
CDC Maverick	Forage - 2 Row	FB205	Crop Development Centre	SeCan	2015

Varieties that have been supported for registration

Malting - 2 Row	TR10214	AAFC - Brandon
Malting - 2 Row	TR09402	BARI
Food and Feed - 2 Row	TR11698	Alberta Agriculture & Rural Development

Comments:

Seed of the new varieties **CDC Kindersley** and **CDC Anderson** will be commercially available for seeding in Spring 2014.

Malting barley varieties are classified into three groups which are established annually by the Canadian Malting Barley Technical Centre (CMBTC). “**Acceptance - Recommended**” are varieties with market acceptance and recommended by the CMBTC. “**Acceptance - Under Testing**” are varieties currently undergoing evaluation for market acceptance. “**Other**” are varieties not currently recommended but markets may exist.

Canmore is being evaluated for use in value added end use markets.

The hulless varieties **CDC Clear** and **Taylor** are malting types.

It is strongly recommended for producers to use a combination of the Canadian Food Inspection Agency’s **List of Registered Varieties** (www.inspection.gc.ca) and the Canadian Grains Commission’s **Variety Designation Lists** (www.grainscanada.gc.ca) to determine the registration and grade eligibility status of varieties.

Forage yields of some varieties are listed in the Forage Crops section of Seed Manitoba 2014.

Variety Descriptions

Category / Variety ¹	Site Years Tested	Yield bu/acre	Protein %	Maturity +/- 88 days	Height +/- 35 inches	Test Wt +/- 48.7 lb/bu	Rough or Smooth Awns	Resistance Level:								
								Lodging	Loose Smut	Surface -borne Smut	Root Rot	Netted Net Blotch	Spotted Net Blotch	Spot Blotch	Stem ² Rust	Fusarium ³ Head Blight
Malting: Acceptance - Recommended																
AC Metcalfe (2)	129	92	12.8	0	0	0	R	F	R	I	I	S	I	I	MR	I
Bentley (2)	41	97	12.4	0	2	-0.8	R	G	MS	MR	I	MS	R	I	MR	MS
CDC Copeland (2)	60	92	12.5	0	2	-0.5	R	F	MS	I	I	I	I	S	MR	I
CDC Kindersley (2)	33	97	12.6	-1	-1	0	R	G	S	R	I	MS	MR	I	MR	I
CDC Meredith (2)	42	97	12.4	2	-1	-2.1	R	F	R	MR	I	MS	R	MS	MR	I
CDC Polarstar (2)	18	92	12.7	-1	0	-0.6	R	F	S	R	MS	S	MR	MS	S	MR
Celebration (6W)	33	98	13.3	-1	2	0	S	G	R	R	MS	S	MR	MR	I	MS
LEGACY (6W)	36	98	12.9	-2	3	0	S	F	I	MR	MR	S	MR	MR	MR	MS
Major (2)	35	102	12.5	0	-1	-0.7	R	G	R	MR	MS	I	MR	MR	MR	I
Merit 57 (2)	39	97	12.4	3	-1	-1.9	R	F	S	I	MR	MS	R	MS	I	MS
Newdale (2)	61	102	12.6	0	-1	-0.5	R	F	S	MR	MR	I	MR	I	MR	I
Tradition (6W)	59	99	12.9	2	4	0.8	S	F	S	MR	MR	S	I	MR	MR	S
Malting: Acceptance - Under Testing																
AAC Synergy (2)	19	104	12.2	0	-1	-0.4	R	G	S	I	I	MR	R	MR	MR	MS
CDC Anderson (6)	29	98	12.3	-1	-2	0	R	G	MR	R	I	MS	MR	R	MR	I
CDC Mayfair (6)	41	100	12.7	-1	3	-1.5	R	G	S	R	MS	MS	MR	I	MR	MS
Cerveza (2)	36	104	12.4	1	-2	-1.4	R	F	R	R	I	MS	MR	R	MR	I
Norman (2)	29	93	12.9	-1	-1	-0.5	R	F	S	S	MS	MS	R	S	S	MR
Malting: Other																
CDC Battleford (6W)	63	98	12.6	1	-1	1.6	S	G	MS	MR	MR	MS	R	R	MR	S
CDC Kamsack (6)	28	94	12.6	0	2	-1	R	VG	I	R	MS	S	I	MR	MR	S
CDC Kendall (2)	18	91	—	2	0	0.2	R	F	MS	MS	MR	I	MR	S	MS	I
CDC Reserve (2)	38	96	12.2	0	-1	0	R	F	S	MS	I	S	R	I	MR	I
Lacey (6W)	41	97	13.0	1	2	-0.7	S	G	I	MR	MR	S	I	MR	MR	S
Robust (6W)	94	90	13.2	1	4	-0.7	S	G	I	I	I	S	MS	MR	MR	S
Stellar-ND (6W)	32	94	12.7	-2	2	0	R	G	MR	R	MS	S	I	MR	I	I
Food and Feed																
AC Ranger (6F)	38	102	12.4	1	-3	0.1	S	G	MS	I	MR	I	MR	MR	MR	S
Amisk (6)	5	101	12.5	1	0	-2.3	R	G	S	MS	MS	I	MR	MR	MR	S
Brahma (2)	36	102	12.3	0	-2	0.5	R	G	MS	R	MR	S	I	S	MR	I
Breton (6F)	19	99	12.3	0	-2	0.8	S	G	MS	MR	I	I	MR	MR	MR	S
Canmore (2)	5	97	12.5	1	0	0.7	R	G	R	R	I	MS	MR	I	MS	I
CDC Austenson (2)	38	108	12.1	1	0	0.5	R	G	S	R	I	MS	R	MR	I	I
CDC Coalition (2)	39	99	12.3	1	2	0.8	R	VG	R	MR	I	S	MR	I	MR	I

BARLEY (continued)

Category / Variety ¹	Site Years Tested	Yield bu/acre	Protein %	Maturity +/- 88 days	Height +/- 35 inches	Test Wt +/- 48.7 lb/bu	Rough or Smooth Awns	Resistance Level:								Fusarium ³ Head Blight
								Lodging	Loose Smut	Surface -borne Smut	Root Rot	Netted Net Blotch	Spotted Net Blotch	Spot Blotch	Stem ² Rust	
CDC Cowboy (2F)☉	50	90	13.1	1	6	1.3	R	G	MS	MR	I	I	MR	I	MR	MR
CDC Helgason (2)☉	33	97	12.3	-1	0	0.8	R	G	R	MR	I	I	MR	I	I	MS
CDC Maverick (2F)☉	5	89	12.9	1	4	5.4	S	F	S	R	I	I	MR	I	MR	I
CDC Mindon (2)☉	56	90	12.8	1	-1	0.3	R	G	R	R	—	S	MR	I	I	MR
CDC Trey (2)☉	63	100	12.4	0	2	0.3	R	G	MS	R	MR	I	R	I	MR	I
CDC YORKTON (6W)	22	103	12.7	0	5	-3	S	G	MS	MR	MR	I	MR	MR	MR	S
Champion (2)☉	44	105	12.3	0	0	0.8	R	G	S	R	—	S	I	MS	I	I
Chigwell (6)☉	41	96	12.3	0	0	-1.6	S	G	MS	R	S	I	MR	MR	S	S
CONLON (2)☉	84	88	12.7	-1	-1	0.8	S	G	I	I	I	I	MR	MS	MR	MR
Desperado (6F)☉	44	100	12.6	1	2	2.5	S	G	MS	R	MR	S	MR	MR	MR	S
Gadsby (2)☉	28	94	12.9	0	3	0.1	R	F	R	R	I	MS	MR	S	MR	I
Muskwa (6)☉	29	99	12.6	0	-5	1.3	S	G	MS	R	MS	MS	MR	I	MR	S
Sundre (6)☉	5	87	12.5	—	—	—	S	G	MS	R	MS	MS	I	I	I	S
XENA (2)	19	97	—	0	0	0.3	R	G	MS	MS	MR	S	I	S	MR	MR
Hulless																
CDC Carter (2)☉	35	86	13.1	1	0	8	R	F	R	R	S	I	MR	I	I	I
CDC Clear (2)☉	27	90	12.5	2	2	9	R	F	R	R	I	MS	R	I	MR	MR
CDC Lophy-I (2)	13	74	12.9	-1	0	8	R	G	R	MR	MS	I	I	I	I	MR
Taylor (2)☉	27	76	12.9	0	0	8	R	G	R	I	MS	MS	MR	I	MR	MR
Varieties that have been supported for registration																
Malting: Acceptance - Under Testing																
TR09402 (2)☉	5	97	12.5	0	-1	-0.7	R	G	R	R	MS	I	MR	S	MR	MS
Malting: Other																
TR10214 (2)	5	101	12.5	1	1	-0.4	R	F	S	I	S	I	R	I	MR	MR
Food and Feed																
TR11698 (2)	5	96	12.4	1	0	-0.3	R	F	R	MR	I	MS	R	I	S	MS
GRAND MEAN		98	12.7													
LSD (0.05)		5	0.3													

- 1 Values in brackets indicate row and type: 2 = two-row; 6 = six-row; B = blue aleurone; W = white aleurone (all others yellow); F = fodder.
- 2 Reactions given for old races of stem rust. All cultivars are susceptible to new race QCCJ. However, to date this has not caused widespread damage. Early seeding will generally reduce the likelihood of severe infection.
- 3 Fusarium head blight (FHB) infection is highly influenced by environment and heading date. Under high levels of the disease all varieties will sustain damage. Hulless barley typically has reduced levels of DON when compared to regular barley with similar levels of disease.

Yield Comparisons

Variety	2013 Yield (bu/acre)									
	Arborg	Boissevain	Dauphin	Hamiota	Neepawa	Rosebank	Souris	St. Adolphe	Stonewall	Thornhill
Malting										
AAC Synergy☉	157	160	120	167	234	97	196	127	133	165
AC Metcalfe☉	136	140	98	140	169	97	168	110	115	148
CDC Anderson☉	134	142	98	152	216	95	164	106	121	167
CDC Kindersley☉	144	146	108	144	181	91	173	116	110	148
Food and Feed										
Amisk☉	164	153	108	183	—	—	—	—	—	141
Breton☉	152	161	98	132	191	90	181	132	120	163
Canmore☉	144	138	112	169	—	—	—	—	—	158
CDC Maverick☉	135	144	108	147	—	—	—	—	—	136
Gadsby☉	162	150	116	147	193	91	168	117	107	119
Muskwa☉	159	151	104	164	181	81	185	128	128	166
Hulless										
CDC Clear☉	142	120	94	177	177	98	170	125	110	155
Varieties that have been supported for registration										
Malting										
TR09402☉	144	145	107	168	—	—	—	—	—	146
TR10214	150	157	115	160	—	—	—	—	—	153
Food and Feed										
TR11698	156	148	108	138	—	—	—	—	—	130
SITE GRAND MEAN (bu/acre)	148	147	107	156	193	93	176	120	119	149
CV %	4.6	4.5	4.7	6.4	13.6	6.1	7.3	7.2	5.6	8.0
LSD (bu/acre)	12	11	8	17	—	10	—	—	12	20
Sign Diff	Yes	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes
Seeding Date	22-May	17-May	20-May	23-May	16-May	13-May	23-May	09-May	13-May	06-Jun
Harvest Date	05-Sep	22-Sep	29-Aug	30-Sep	09-Sep	23-Aug	13-Sep	19-Aug	17-Aug	03-Oct

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Protein Comparisons

Variety	2013 Protein (%)									
	Arborg	Boissevain	Dauphin	Hamiota	Neepawa	Rosebank	Souris	St. Adolphe	Stonewall	Thornhill
Malting										
AAC Synergy	12.0	12.2	10.7	12.1	12.2	11.8	11.9	12.5	12.4	12.9
AC Metcalfe	12.4	12.6	11.0	12.6	13.0	12.5	12.7	13.1	13.2	13.5
CDC Anderson	12.4	12.4	11.2	12.7	12.7	12.4	12.5	13.4	12.4	13.0
CDC Kindersley	12.5	12.3	10.4	12.6	12.8	12.3	12.6	12.8	13.0	13.5
Food and Feed										
Amisk	12.1	12.5	10.8	12.2	—	—	—	—	—	13.4
Breton	11.8	12.2	11.3	12.7	12.3	12.3	12.5	12.8	12.3	13.2
Canmore	12.1	12.4	10.6	12.6	—	—	—	—	—	13.6
CDC Maverick	12.6	13.1	11.3	12.8	—	—	—	—	—	14.1
Gadsby	11.9	12.8	11.0	12.8	12.9	13.5	13.0	13.2	13.0	14.1
Muskwa	12.2	12.7	10.9	12.6	13.1	13.1	12.5	12.9	13.1	13.4
Hulless										
CDC Clear	12.1	12.4	9.9	11.6	11.5	11.1	11.4	12.5	12.7	13.2
Varieties that have been supported for registration										
Malting										
TR09402	12.3	12.1	11.0	12.2	—	—	—	—	—	13.5
TR10214	12.1	12.3	10.8	12.3	—	—	—	—	—	13.6
Food and Feed										
TR11698	12.0	12.5	10.5	12.4	—	—	—	—	—	12.8
SITE GRAND MEAN (%)	12.2	12.5	10.8	12.4	12.6	12.4	12.4	12.9	12.8	13.4



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2014-15 Canadian Malting Barley Technical Centre Recommendations

These recommendations are based on the varieties expected to be selected by grain and malting companies for both domestic and export markets from the 2014 harvest. Seeding decisions should be based on agronomic considerations and feedback from your grain company representative, local elevator operators and malting companies. This list is published on behalf of the members of the CMBTC, and other companies that have provided their input. Varieties not listed are not recommended. The varieties are listed in descending order to the amount expected to be selected next crop year.

Recommended Two-Row Barley Varieties

VARIETY	SOURCE	DOMESTIC	EXPORT
AC Metcalfe	4	Established	Established
CDC Copeland	4	Established	Established
CDC Meredith	4	Established	Limited
CDC Polarstar*	5	Established	Established

The four varieties listed above will represent 80 to 85% of the anticipated selections.

VARIETY	SOURCE	COMMERCIALIZATION STATUS
Newdale	3	Established
Major	1	Increasing
Bentley	5	Increasing
Merit 57	5	Increasing
CDC Kindersley	4	Increasing

The five varieties listed above represent 15 to 20% of the anticipated selections and it is expected that several of them will become dominant varieties in the future. Norman, Cerveza, CDC Landis, ABI Voyager, and AAC Synergy are not yet being grown for the commercial market. Production is limited to quantities required for testing and market development.

*CDC Polarstar is available only through a closed loop Identity Preserved program offered by Prairie Malt Limited/Sapporo Breweries and their agents.

Recommended Six-Row Barley Varieties

VARIETY	SOURCE	DOMESTIC	EXPORT
Legacy	1,2,3	Established	Established
Tradition	1,2,3	Established	Established
Celebration	5	Limited	Limited

CDC Mayfair and CDC Anderson are not yet being grown for the commercial market. Production is limited to quantities required for testing and market development. Please talk to your local malting company selector in regards to demand for Lacey and Robust.

“Domestic” as used in this publication, means barley selected for domestic processing into malt to supply domestic brewers as well as for malt destined for export. Export is that malting barley designated for markets outside of Canada including the U.S., shipped as unmalted grain.

The following companies have pedigreed seed distribution rights for those varieties that are footnoted:

1 - Viterra ; 2 - BARI-Canada; 3 - FP Genetics; 4 - SeCan; 5 - CANTERRA SEEDS



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New for 2014

Variety	Code	Breeder	Distributor	Seed Availability
AAC Justice	OT2084	AAFC - Winnipeg/U of Minnesota	FP Genetics	2016
CDC Haymaker	SA04412	Crop Development Centre	SeCan	2015
CDC Ruffian	OT3054	Crop Development Centre	FP Genetics	2016

Varieties that are being tested or proposed for registration				
	OT3061	Crop Development Centre		

Comments:

Seed of the new varieties **CDC Big Brown** and **Stride** will be commercially available for seeding in Spring 2014.

The variety **CDC Haymaker** is a forage oat variety. Forage yields of some varieties are listed in the Forage Crops section.

Producers are encouraged to check the “Preferred” or “Approved” lists available at most mills if they are selecting varieties for the milling market. These lists are updated as new genetics become available.

HiFi is exceptionally high in beta-glucan fibre and is available for contract identity preserved production.

The variety **Stride** appears to have improved resistance to Fusarium Head Blight, based on lower DON accumulation, in comparison with other recently registered varieties.

Variety Descriptions

Variety ¹	Site		Protein %	Maturity +/- 96 days	Height +/- 33 inches	Test Wt +/- 39.3 lb/bu	Hull %	Hull Colour	Resistance Level:				
	Years Tested	Yield bu/acre							Lodging	Smut	Crown Rust	Stem ² Rust	BYD ³
AAC Justice	12	143	11.8	0	2	0.5	22.8	White	G	R	R	I	I
AC Morgan	36	133	11.8	-1	6	-1.0	25.2	White	G	I	S	S	MS
Bradley	29	131	12.6	2	3	—	—	White	G	R	MS	MS	MS
CDC Big Brown	39	134	12.5	-1	1	0	20.4	Tan	G	R	R	MS	MS
CDC Dancer	59	127	12.6	-3	5	0.5	19.6	White	G	R	I	I	MS
CDC Haymaker (F)	12	119	12.8	2	10	-1.0	22.0	White	G	MR	S	S	—
CDC Minstrel	40	136	11.1	0	3	-0.2	22.3	White	VG	R	MS	I	MS
CDC ProFi	39	121	13.0	-3	1	-1.0	20.0	White	G	MS	S	I	MS
CDC Ruffian	22	145	12.0	0	0	-0.8	20.5	White	G	R	I	S	S
CDC Seabiscuit	34	134	12.4	0	6	-0.5	20.1	White	G	MR	S	I	S
CDC Weaver	36	127	12.5	-1	5	-1.0	19.0	White	F	R	S	I	MS
Furlong	93	125	12.4	-1	8	0.5	20.3	Tan	G	R	S	I	MR
HiFi	63	136	12.9	-3	6	0	24.7	White	G	MS	R	I	MR
Jordan	51	136	11.3	2	3	-2.0	23.6	White	VG	R	I	I	MR
Leggett	108	135	13.3	0	0	0	23.0	White	G	R	R	I	MS
Pinnacle	68	144	11.7	3	4	-1.2	23.7	White	G	R	S	I	MS
Ronald	84	125	12.3	0	1	0	22.1	White	VG	R	S	I	MR
Souris	51	133	12.5	-4	0	0.5	20.9	White	G	R	R	MR	MS
Stainless	25	128	12.7	-3	5	-0.5	22.4	Light Grey	G	R	R	MR	MR
Stride	34	133	13.5	-2	5	0.6	23.7	White	VG	R	R	I	I
Summit	40	139	12.4	0	-1	0.5	20.8	White	G	R	R	I	I
Triactor	42	152	12.1	-1	3	-1.5	22.1	White	VG	I	MR	S	MS
Varieties that have been supported for registration													
OT3061	12	124	11.9	0	4	-0.8	23.0	White	VG	R	R	I	I
GRAND MEAN		135	12.4										
LSD (0.05)		7	0.3										

1 The letter 'F' indicates a forage type.

2 All varieties are susceptible to new races NA67 and NA76 and these races caused moderate damage to crops in the Red River Valley in 2001 and 2002. Early seeding will generally reduce the likelihood of severe infection.

3 BYD = Barley Yellow Dwarf - a viral disease carried and spread by aphids - early seeding will generally reduce the likelihood of severe infection.

OATS (continued)

Yield Comparisons

Variety	2013 Yield (bu/acre)										
	Arborg	Beausejour	Boissevain	Dauphin	Hamiota	Melita	Neepawa	Rosebank	St. Adolphe	Stonewall	Thornhill
AAC Justice	178	169	187	204	204	201	316	112	191	157	176
CDC Big Brown	177	171	192	168	209	184	310	77	208	130	173
CDC Haymaker	171	174	160	148	210	158	268	88	172	121	164
CDC Ruffian	183	184	198	191	236	199	273	75	200	159	173
CDC Seabiscuit	172	180	205	187	217	170	278	81	203	159	172
Leggett	178	173	201	163	211	171	279	91	204	98	151
Souris	168	180	211	174	200	172	284	90	168	133	186
Stride	181	187	204	159	189	183	321	89	200	124	163
Varieties that have been supported for registration											
OT3061	164	179	183	157	153	155	283	84	205	149	163
SITE GRAND MEAN (bu/acre)	175	178	193	172	203	177	290	87	195	142	169
CV %	5.3	5.4	4.0	7.3	6.7	6.5	9.1	8.8	6.0	6.0	9.0
LSD (bu/acre)	—	—	14	22	23	20	—	13	20	15	—
Sign Diff	No	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
Seeding Date	22-May	15-May	16-May	20-May	23-May	27-May	16-May	13-May	09-May	13-May	06-Jun
Harvest Date	06-Sep	03-Sep	22-Sep	25-Sep	30-Sep	12-Sep	09-Sep	28-Aug	22-Aug	02-Sep	03-Oct

Protein Comparisons

Variety	2013 Protein (%)										
	Arborg	Beausejour	Boissevain	Dauphin	Hamiota	Melita	Neepawa	Rosebank	St. Adolphe	Stonewall	Thornhill
AAC Justice	12.0	11.8	12.1	10.7	12.0	—	12.5	13.2	12.6	11.8	11.7
CDC Big Brown	13.1	12.7	13.4	11.9	13.3	—	13.5	13.1	13.3	13.1	13.0
CDC Haymaker	13.9	13.1	13.3	12.2	13.3	—	13.5	13.6	13.6	13.3	12.5
CDC Ruffian	12.3	12.5	12.5	11.3	11.9	—	12.0	13.0	13.0	11.9	12.1
CDC Seabiscuit	12.6	12.5	13.2	11.5	12.1	—	13.6	13.2	15.7	12.5	12.6
Leggett	13.6	13.4	13.6	11.9	13.4	—	14.4	14.1	14.6	12.4	13.6
Souris	12.8	13.0	12.8	12.1	12.9	—	14.4	13.4	13.6	12.1	12.1
Stride	14.0	13.3	13.4	12.1	13.8	—	13.1	14.4	15.2	14.0	12.8
Varieties that have been supported for registration											
OT3061	12.6	12.2	11.9	11.1	12.2	—	12.9	13.0	13.2	13.0	12.0
SITE GRAND MEAN (%)	13.0	12.7	12.9	11.6	12.8	—	13.3	13.4	13.9	12.7	12.5

Comments:

Hulless oats were last tested in 2008.

GEHL is the first bald hulless oat variety as it does not have surface-borne hairs (trichomes). **GEHL** also has improved hulless expression. The yield of hulless oats is less than that of common oats in which the hull is part of the yield. Hulless oats should be stored at <12% moisture. Hulless oats are a specialty product for which a market should be ensured prior to planting.

Crown rust races capable of attacking varieties with the Pc68 gene are now prevalent in Manitoba. This has resulted in varieties being redefined as Susceptible (S) for Crown Rust resistance. Early seeding may reduce the likelihood of severe infection.

Variety Descriptions

Variety	Yield % Check	Site Years Tested	Days to Maturity +/- Check	Height +/- Check	Test Weight +/- Check	Resistance Level:				
						Lodging	Smut	Crown Rust	Stem ¹ Rust	BYD ²
AC Belmont	80	3	0	-5	1.1	G	R	S	I	MS
AC Gwen	82	3	2	-2	5.2	VG	R	S	I	I
Furlong [Ⓞ]	100	3	0	0	0	G	R	S	I	MR
GEHL	62	3	-2	-3	9.8	G	R	S	MS	S
Navan	70	3	-3	-3	5.0	G	—	S	—	I

CHECK CHARACTERISTICS					
Furlong [Ⓞ]	4780	3	95	41	39.8
	lbs/acre	site years	days	inches	lb/bu

1 All varieties are susceptible to new races NA67 and NA76 and these races caused moderate damage to crops in the Red River Valley in 2001 and 2002. Early seeding will generally reduce the likelihood of severe infection.

2 BYD = Barley Yellow Dwarf - a viral disease carried and spread by aphids - early seeding will generally reduce the likelihood of severe infection.

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TM

SPRING WHEAT

New for 2014

Variety	Class	Code	Breeder	Distributor	Seed Availability
5605HR CL	CWRS	BW918	Syngenta Canada Inc.	Crop Protection Services (CPS)	2015
AAC Brandon	CWRS	BW932	AAFC - Swift Current	SeCan	2015
AAC Elie	CWRS	BW931	AAFC - Swift Current	Alliance Seed Corporation	2015
AAC Ryley	CPSR	HY1312	AAFC- Swift Current	SeCan	2015
AAC Iceberg	CWHWS	HW021	AAFC - Winnipeg	Alliance Seed Corporation	2014
AAC Whitefox	CWHWS	HW027	AAFC - Winnipeg	SeCan	2015
AAC Chiffon	CHSWS	SWS408	AAFC - Lethbridge	SeedNet	—
AAC Innova	CWGP	GP047	AAFC - Lethbridge	Alliance Seed Corporation	2016
AAC Proclaim	CWGP	GP080	AAFC - Lethbridge	FP Genetics	2015

Varieties that have been supported for registration

CWRS	BW462	AAFC - Winnipeg
CWRS	PT584	Crop Development Centre
CWRS	PT765	University of Alberta
CPSR	HY1319	AAFC - Swift Current
CPSR	HY1610	AAFC - Winnipeg
CPSR	HY1615	AAFC - Winnipeg
CPSR	HY995	Syngenta Canada Inc.
CWHWS	HW612	Crop Development Centre
CWGP	GP087	Syngenta Canada Inc.
CWGP	GP097	AAFC - Swift Current

Comments:

Seed of the new varieties **AAC Bailey**, **SY433**, **CDC VR Morris**, **CDC Thrive** & **AAC Iceberg** will be commercially available for seeding in Spring 2014.

Most varieties have been rated for their relative resistance to pre-harvest sprouting. Under wet postmaturity conditions varieties rated poor (P) would have reduced ability to retain Hagberg Falling Number values relative to those rated good (G) or very good (VG).

Producers are strongly encouraged to use a combination of the Canadian Food Inspection Agency's **List of Registered Varieties** (www.inspection.gc.ca) and the Canadian Grains Commission's **Variety Designation Lists** (www.grainscanada.gc.ca) to determine the registration and grade eligibility status of varieties.

Variety Descriptions

Class/Variety	Site Years Tested	Yield bu/acre	Protein %	Maturity +/- 99 days	Height +/- 37 inches	Spike Awned	Resistance Level:								
							Lodging	Sprouting	Loose Smut	Common Bunt	Leaf ¹ Spots	Stem Rust	Leaf Rust	Fusarium ² Head Blight	
Canada Western Red Spring															
5602HR	90	63	14.9	1	0	Y	F	F	R	MR	I	R	R	MR	
5603HR	41	62	14.4	2	0	Y	G	VG	MS	I	MR	MR	R	I	
5604HR CL	40	61	14.5	-1	-1	Y	G	G	MS	I	MS	R	R	I	
5605HR CL	5	58	14.5	1	-1	Y	VG	—	R	MR	MS	MS	R	MR	
AAC Bailey	16	51	14.9	-1	0	N	G	G	MS	MR	I	R	R	I	
AAC Brandon	16	65	14.3	2	-5	Y	VG	—	MR	S	I	R	R	MR	
AAC Elie	16	64	14.3	2	-6	Y	VG	—	I	I	I	R	R	I	
AAC Redwater	16	59	14.3	-1	-2	Y	G	G	MS	I	MS	R	R	I	
AC Barrie	164	57	14.5	0	0	N	G	G	MR	I	MS	MR	MS	I	
AC Cadillac	6	59	—	-1	3	N	F	F	R	R	I	R	MR	I	
AC Domain	20	55	15.2	-2	-1	N	VG	VG	R	I	S	R	I	MS	
Alvena	30	59	14.7	-2	0	N	G	P	MR	I	—	MR	I	MS	
Carberry	43	62	14.5	2	-5	Y	VG	F	MR	R	MS	MR	R	MR	
Cardale	16	64	14.6	2	-4	Y	VG	G	I	MR	MS	R	R	MR	
CDC Abound	38	59	14.4	2	-4	Y	G	F	I	I	MS	R	MS	S	
CDC Go	24	61	14.2	-1	-2	Y	G	P	MS	I	S	R	I	MS	
CDC Kernen	39	59	14.7	1	1	Y	G	F	R	I	MS	MR	MR	I	
CDC Plentiful	16	60	14.4	-3	-2	N	VG	F	R	I	I	R	R	MR	
CDC Stanley	34	61	14.5	0	-1	N	G	G	MR	S	I	R	MR	MS	
CDC Thrive	37	56	14.6	-1	0	N	G	P	MR	I	I	MR	I	MS	
CDC Utmost VB	27	62	14.5	-1	-1	N	G	G	MS	S	I	MR	R	MS	
CDC VR Morris	16	62	14.5	0	0	N	G	P	I	I	I	MR	R	MR	
Fieldstar VB	43	63	14.5	0	1	Y	F	VG	I	I	I	MR	R	I	
Glenn	70	62	14.5	2	-2	Y	VG	F	I	I	I	R	R	I	
Goodeve VB	53	61	14.8	-2	-1	N	VG	G	MR	S	MS	MR	MR	S	
Harvest	61	60	14.3	-1	-2	N	VG	VG	MR	S	MS	R	MR	S	

Class/Variety	Site Years Tested	Yield bu/acre	Protein %	Maturity +/- 99 days	Height +/- 37 inches	Spike Awned	Resistance Level:								Fusarium ² Head Blight
							Lodging	Sprouting	Loose Smut	Common Bunt	Leaf ¹ Spots	Stem Rust	Leaf Rust		
Infinity	37	59	15.0	-2	0	N	G	G	MR	MR	MS	MR	MR	S	
KANE	90	61	14.4	1	-2	Y	G	VG	MS	I	I	R	R	I	
Muchmore	40	62	14.2	2	-6	Y	VG	G	MR	R	MS	R	R	MS	
Shaw VB	40	62	14.2	0	2	N	G	G	S	MR	MS	R	MR	MS	
Somerset	38	59	15.1	-1	3	N	G	F	R	MS	MS	R	MR	MS	
Stettler	40	58	14.7	1	-2	Y	G	G	R	MR	MS	MR	MS	MS	
Superb	83	60	14.3	2	-3	Y	VG	F	I	MR	MS	R	S	MS	
SY433	34	57	14.6	2	1	Y	G	G	I	S	I	R	R	MR	
Unity VB	53	65	14.2	0	0	Y	F	VG	MS	R	I	MR	R	I	
Vesper VB	39	64	14.4	0	-1	Y	G	F	I	S	I	MR	R	I	
Waskada	68	61	14.6	1	2	Y	F	VG	MR	R	MS	R	I	MR	
WR859 CL	42	62	14.5	0	-3	Y	G	G	R	R	MS	MR	R	MR	
Canada Prairie Spring Red															
5700PR	33	63	12.8	3	-6	Y	VG	F	MS	R	MS	R	I	MS	
5702PR	30	66	12.8	1	-4	Y	VG	P	MS	I	I	I	MR	MS	
AAC Ryley	17	66	12.9	1	-4	Y	G	—	I	R	MS	R	R	MS	
Conquer VB	40	64	13.0	2	-1	Y	G	P	MS	R	I	R	MR	MS	
Enchant VB	17	68	13.2	1	-2	Y	G	G	MR	R	MS	MR	R	S	
SY985	39	65	13.5	2	-6	Y	G	P	R	MR	I	R	R	I	
Canada Western Extra Strong															
Burnside	52	58	14.3	-1	2	N	G	G	R	I	MS	R	R	S	
CDN Bison	38	64	13.7	1	-2	Y	G	F	R	I	I	R	MR	I	
Glencross VB	42	61	14.1	0	3	N	G	F	R	I	MS	R	MR	S	
Canada Western Hard White Spring															
AAC Iceberg	15	58	13.5	0	-4	Y	G	—	MS	MR	MS	R	R	I	
AAC Whitefox	5	62	13.4	-2	-2	N	G	—	MS	MS	MS	MR	MR	I	
Snowbird	93	58	13.7	0	0	N	G	G	MR	MS	MS	MR	I	I	
Snowstar	37	62	13.4	-1	-4	N	VG	G	MS	S	MS	R	MR	MS	
Whitehawk	32	54	13.7	-2	0	N	VG	G	I	MS	MS	I	R	MS	
Canada Western Soft White Spring															
AAC Chiffon	4	75	12.1	4	-1	Y	F	—	S	S	—	S	I	S	
AC Andrew	30	72	10.9	4	-4	Y	VG	P	S	S	—	MR	MS	I	
Sadash	34	71	10.7	4	-2	Y	VG	P	I	S	—	MR	I	S	
Canada Western General Purpose															
AAC Innova	4	73	12.1	4	-3	Y	F	—	S	S	I	MR	R	S	
AAC Proclaim	17	67	12.6	3	-1	Y	F	—	MR	S	I	MR	R	MR	
CDC NRG003	40	68	12.9	1	-4	Y	G	G	MS	R	MS	R	MS	S	
Minnedosa	40	67	12.9	-1	-4	Y	G	G	I	R	MS	MR	R	MS	
NRG010	40	71	12.6	4	-3	Y	VG	F	MS	R	I	R	R	MS	
Pasteur	37	74	12.9	7	-3	N	VG	G	MS	S	I	MR	R	I	
Varieties that have been supported for registration															
Canada Western Red Spring															
BW462	5	64	14.0	1	2	N	G	F	S	S	MS	MR	R	I	
PT584	5	59	14.5	2	0	Y	G	—	MS	I	MS	I	R	MR	
PT765	5	58	14.1	2	2	Y	G	—	S	S	MS	MR	R	MR	
Canada Prairie Spring Red															
HY995	5	69	13.0	2	-5	Y	VG	—	S	MR	MS	MR	R	MS	
HY1319	5	68	13.3	1	-9	Y	VG	—	I	R	I	MR	R	MR	
HY1610	5	73	13.0	1	-3	Y	VG	—	MS	I	MS	MR	R	I	
HY1615	5	63	12.7	1	3	Y	G	—	R	MR	MS	MR	R	R	
Canada Western Hard White Spring															
HW612	5	56	13.9	0	-4	Y	VG	—	S	S	MS	MR	MR	I	
Canada Western General Purpose															
GP087	4	68	14.0	2	-3	Y	VG	—	MS	MR	I	MR	MR	MR	
GP097	5	70	12.9	5	-4	Y	VG	—	I	R	I	MR	R	I	
GRAND MEAN		64	14.1												
LSD (0.05)		4	0.4												

1 Leaf Spots rating is a combination of resistance to tan spot, spot blotch and septoria leaf disease complex.

2 Fusarium head blight (FHB) infection is highly influenced by environment and heading date. Under high levels of the disease all varieties will sustain damage.

SPRING WHEAT (continued)

Yield Comparisons

Class/Variety	2013 Yield (bu/acre)											
	Arborg	Beausejour	Boissevain	Dauphin	Hamiota	Melita	Neepawa	Rosebank	Souris	St. Adolphe	Stonewall	Thornhill
Canada Western Red Spring												
5605HR CL☺	80	—	83	79	97	—	—	—	—	—	—	83
AAC Bailey☺	76	80	66	60	85	—	137	63	73	65	56	84
AAC Brandon☺	85	81	88	74	98	—	132	85	104	87	60	90
AAC Elie☺	87	80	83	82	102	—	141	77	105	81	62	85
AAC Redwater☺	75	77	67	69	97	—	132	73	85	81	59	80
Cardale☺	82	81	87	72	99	—	136	88	86	92	66	93
CDC Kernan☺	75	86	72	77	94	—	123	79	87	85	54	84
CDC Plentiful☺	75	82	77	85	97	—	125	75	84	85	64	104
CDC Stanley☺	77	83	84	85	101	—	135	90	96	85	69	85
CDC Thrive☺	79	89	73	73	100	—	121	70	82	81	58	87
CDC Utmost VB☺	83	81	74	78	101	—	138	80	87	78	64	98
CDC VR Morris☺	83	84	77	80	102	—	136	76	98	81	72	83
Glenn☺	78	71	84	73	95	—	131	84	94	86	64	96
KANE☺	72	78	71	75	98	—	126	77	94	78	58	93
SY433☺	73	71	61	59	92	—	115	72	67	71	62	75
Vesper VB☺	85	81	90	87	109	—	133	87	98	85	63	96
Canada Western Hard White Spring												
AAC Iceberg☺	82	85	74	71	93	—	133	84	80	77	50	82
Whitehawk☺	76	83	69	60	101	—	125	76	88	77	49	97
AAC Whitefox☺	82	—	78	82	103	—	—	—	—	—	—	92
Varieties that have been supported for registration												
Canada Western Red Spring												
BW462☺	80	—	84	81	107	—	—	—	—	—	—	97
PT584	77	—	74	76	97	—	—	—	—	—	—	85
PT765	77	—	73	89	90	—	—	—	—	—	—	80
Canada Western Hard White Spring												
HW612☺	74	—	73	72	89	—	—	—	—	—	—	82
SITE GRAND MEAN (bu/acre)	79	81	77	76	98	—	131	78	89	81	61	88
CV%	3.9	8.4	6.1	6.8	3.7	—	6.5	3.5	6.7	3.9	3.6	7.1
LSD (bu/acre)	5	—	8	9	6	—	—	5	10	5	4	10
Sign Diff	Yes	No	Yes	Yes	Yes	—	No	Yes	Yes	Yes	Yes	Yes
Canada Western Red Spring												
Glenn☺	80	80	89	89	101	67	125	79	83	87	62	87
Canada Prairie Spring Red												
AAC Ryley☺	88	87	85	93	106	57	153	76	94	88	76	75
Enchant VB☺	92	88	87	87	110	66	137	69	113	89	84	78
SY985☺	87	79	87	87	107	62	137	75	93	98	79	85
Canada Western General Purpose												
AAC Proclaim☺	96	84	91	86	115	71	136	72	97	98	75	94
CDC NRG003☺	81	83	86	84	111	61	151	0	104	86	81	97
Pasteur	100	90	94	108	116	74	157	78	88	114	84	100
Varieties that have been supported for registration												
Canada Prairie Spring Red												
HY995☺	86	—	83	98	114	—	—	—	—	—	—	92
HY1319☺	88	—	90	91	106	—	—	—	—	—	—	93
HY1610☺	93	—	96	89	115	—	—	—	—	—	—	103
HY1615☺	80	—	90	89	111	—	—	—	—	—	—	63
Canada Western General Purpose												
GP087☺	81	—	94	84	110	—	—	—	—	—	—	87
GP097☺	92	—	95	91	105	—	—	—	—	—	—	89
SITE GRAND MEAN (bu/acre)	88	84	90	91	110	66	142	75	96	94	76	88
CV%	3.6	5.9	4.5	6.2	5.6	5.7	4.7	7.7	11.2	3.2	4.2	7.7
LSD (bu/acre)	5	—	7	10	—	7	12	—	—	5	5	11
Sign Diff	Yes	No	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes
Seeding Date	21-May	15-May	17-May	20-May	23-May	29-May	15-May	13-May	23-May	09-May	13-May	06-Jun
Harvest Date	10-Sep	03-Sep	22-Sep	24-Sep	30-Sep	11-Sep	12-Sep	28-Aug	04-Sep	22-Aug	02-Sep	03-Oct

Off-Types, Variants and Uniformity in Wheat Varieties

Farmers surveying their crops love to see uniformity in the plant stand.

It is important to understand that there are no varieties where the plant stand is uniform, or 'tabletop'. Producers taking just a quick glance of any plant stand will see that some plants are taller and some are shorter.

In the past virtually all CWRS varieties were awnless and tall. The variations were typically not observed in the tall varieties, mostly because no one (except perhaps breeders and other scientists) was looking for them. The introduction of new CWRS varieties with tall awned types and awned semi-dwarf varieties now increases the likelihood of noticing off-types and variants within varieties.

Variants within varieties are described in the variety descriptions. These variants are determined by the Breeder. For example, number of tall bearded plants (off-types) allowed in an awned semi-dwarf variety.

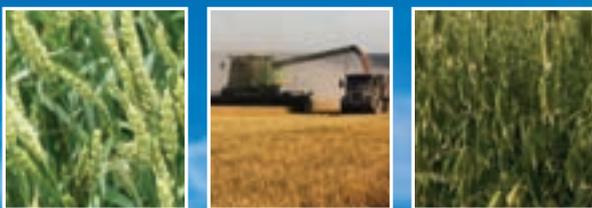
Producers appreciate the bonus of a semi-dwarf variety as it gives them high yields and standability. However with the shorter semi-dwarf variety the producer will be more likely to notice the tall variants (not tabletop).

AC[®] Muchmore CWRS is a semi-dwarf variety which has performed exceptionally well across Western Canada.

For more information about available semi-dwarf varieties contact your local FP Genetics shareholder or Territory Manager.



Why Certified Seed? Because you want the best!



At FP Genetics our focus is the success of our customers. We strive to be first by being innovative to maintain our competitive edge in the market. By being innovative at our core, we bring the best in products and services, which brings value and profit to our seed growers and the commercial growers they serve.

Wheat - CWRS

CDC Utmost VB
AC[®] Muchmore
AC[®] Harvest

Barley

AC[®] Newdale – 2R Malt
Legacy – 6R Malt
CDC Trey – 2R Feed

Oats - Milling

AC[®] Summit
AC[®] Leggett
CDC Minstrel
CDC Ruffian
AAC Justice

**Bringing Value and Profit
to Canadian Farms**

SPRING WHEAT (continued)

Protein Comparisons

Class/Variety	2013 Protein (%)											
	Arborg	Beausejour	Boissevain	Dauphin	Hamiota	Melita	Neepawa	Rosebank	Souris	St. Adolphe	Stonewall	Thornhill
Canada Western Red Spring												
5605HR CL	13.3	—	13.8	12.8	14.1	—	—	—	—	—	—	14.8
AAC Bailey	13.5	14.1	13.9	13.3	14.5	—	14.3	13.8	15.5	14.4	14.6	15.1
AAC Brandon	12.7	13.9	13.5	12.9	13.6	—	13.4	13.2	14.3	14.0	14.3	13.9
AAC Elie	12.6	14.0	13.0	12.5	13.5	—	13.6	12.8	14.5	14.2	14.4	14.5
AAC Redwater	13.8	14.5	13.8	13.5	13.6	—	13.8	13.5	15.0	14.7	14.2	14.8
Cardale	13.4	14.6	13.9	13.4	14.0	—	13.9	13.3	14.8	14.5	14.4	14.6
CDC Kernan	12.9	14.4	13.7	13.7	14.1	—	13.9	13.4	15.5	14.7	15.2	15.0
CDC Plentiful	12.8	14.3	13.5	12.8	14.0	—	13.8	12.3	14.9	14.3	14.2	14.3
CDC Stanley	13.0	14.8	13.3	12.5	13.8	—	13.4	13.4	14.9	14.5	14.4	14.5
CDC Thrive	13.1	14.4	13.5	13.1	13.7	—	13.8	13.8	15.2	14.7	14.7	15.0
CDC Utmost VB	12.9	14.8	13.7	13.0	13.9	—	14.1	13.0	14.7	14.7	14.5	14.5
CDC VR Morris	12.9	14.9	14.0	12.8	13.5	—	13.0	12.4	15.3	14.6	14.3	15.1
Glenn	12.8	14.3	13.1	13.0	13.6	—	13.1	13.4	14.0	14.4	14.3	14.4
KANE	13.3	14.2	13.0	12.7	13.7	—	13.5	12.5	14.2	14.2	14.2	14.1
SY433	13.3	14.9	13.6	13.1	14.0	—	13.9	13.5	15.4	14.6	14.8	15.2
Vesper VB	13.0	14.6	13.4	12.2	13.4	—	13.4	13.9	14.1	14.9	15.2	14.2
Canada Western Hard White Spring												
AAC Iceberg	12.9	13.7	12.7	12.5	13.5	—	12.2	12.8	14.3	14.1	13.8	14.1
Whitehawk	12.6	14.2	13.1	12.4	12.9	—	12.6	13.3	13.9	14.4	13.8	13.5
AAC Whitefox	12.4	—	12.7	11.6	12.9	—	—	—	—	—	—	13.5
Varieties that have been supported for registration												
Canada Western Red Spring												
BW462	12.6	—	13.3	12.5	13.8	—	—	—	—	—	—	14.0
PT584	13.1	—	13.9	13.0	13.9	—	—	—	—	—	—	15.0
PT765	13.1	—	13.5	12.5	13.8	—	—	—	—	—	—	13.9
Canada Western Hard White Spring												
HW612	12.9	—	12.8	12.6	13.4	—	—	—	—	—	—	13.8
SITE GRAND MEAN (%)												
	13.0	14.4	13.4	12.8	13.7	—	13.5	13.2	14.7	14.5	14.4	14.4
Canada Western Red Spring												
Glenn	12.8	14.4	13.4	13.7	13.4	—	13.0	12.6	13.9	14.4	14.4	14.4
Canada Prairie Spring Red												
AAC Ryley	11.7	12.3	12.3	11.8	12.2	—	11.9	10.9	13.3	12.4	12.5	12.5
Enchant VB	12.3	13.7	13.7	12.8	11.8	—	12.1	11.8	12.8	12.9	12.5	13.7
SY985	11.5	13.3	12.7	12.7	12.8	—	12.4	11.4	13.7	13.2	13.0	13.5
Canada Western General Purpose												
AAC Proclaim	11.3	12.2	12.6	12.0	12.1	—	11.3	11.9	12.9	12.1	12.7	12.9
CDC NRG003	11.4	12.6	12.9	12.2	12.5	—	11.9	10.8	13.1	12.7	12.8	13.0
Pasteur	11.7	12.5	13.0	12.0	12.3	—	11.6	10.7	13.5	12.4	12.7	13.2
Varieties that have been supported for registration												
Canada Prairie Spring Red												
HY995	11.6	—	12.2	12.1	11.7	—	—	—	—	—	—	13.0
HY1319	11.8	—	12.7	12.2	12.6	—	—	—	—	—	—	13.4
HY1610	11.2	—	12.8	11.9	11.6	—	—	—	—	—	—	13.1
HY1615	11.5	—	11.9	11.4	11.8	—	—	—	—	—	—	12.6
Canada Western General Purpose												
GP087	12.8	—	13.2	13.3	12.5	—	—	—	—	—	—	14.1
GP097	11.4	—	12.2	11.9	12.0	—	—	—	—	—	—	12.8
SITE GRAND MEAN (%)												
	11.8	13.0	12.7	12.3	12.3	—	12.0	11.4	13.3	12.9	12.9	13.2

New for 2013

Variety	Code	Breeder	Distributor	Seed Availability
AAC Current	DT813	AAFC - Swift Current	Alliance Seed Corporation	2015
AAC Marchwell VB	DT833	AAFC - Swift Current	SeCan	2016
AAC Raymore	DT818	AAFC - Swift Current	SeCan	2015
CDC Desire	DT561	Crop Development Centre	Syngenta Canada Inc.	2014
CDC Vivid	DT562	Crop Development Centre	Crop Protection Services (CPS)	2015

Varieties that have been supported for registration

DT570	Crop Development Centre
DT832	AAFC - Swift Current

Comments:

Limited seed of the new variety **CDC Desire** will be commercially available for seeding in Spring 2014.

Previous to 2013, durum wheat was last tested by MCVET in 2010.

The variety **AAC Marchwell VB** is the first midge tolerant durum variety registered for production in Canada. It will be grown as a varietal blend to protect the Sm1 gene.

The variety **AAC Raymore** is the first solid stemmed durum variety registered for production in Canada.

Variety Descriptions

Variety	Site Years Tested	Yield bu/acre	Protein %	Maturity +/- 101 days	Height +/- 35 inches	Spike Awned	Resistance Level:								
							Lodging	Sprouting	Loose Smut	Common Bunt	Leaf ¹ Spots	Stem Rust	Leaf Rust	Fusarium ² Head Blight	
AAC Current	3	53	14.3	1	1	Y	G	—	MS	MR	I	R	R	MS	
AAC Marchwell VB	3	66	14.3	0	0	Y	G	—	MR	R	MS	R	R	MS	
AAC Raymore	3	64	14.1	0	0	Y	G	—	MS	MR	I	R	R	S	
Brigade	21	72	13.3	2	2	Y	G	F	S	R	I	R	R	MS	
CDC Desire	3	57	14.2	-2	0	Y	G	—	MS	R	I	R	R	S	
CDC Verona	21	65	14.1	2	0	Y	G	F	MS	R	MS	R	R	MS	
CDC Vivid	3	58	14.8	0	0	Y	VG	—	I	R	I	R	R	S	
Enterprise	12	65	14.2	0	1	Y	F	F	MS	MR	I	R	R	MS	
Eurostar	21	67	13.9	2	2	Y	F	F	S	R	I	R	R	MS	
Strongfield	50	62	14.4	0	0	Y	G	F	S	MR	I	R	R	S	
Transcend	9	67	14.1	2	3	Y	G	F	S	R	I	R	R	MS	
Varieties that have been supported for registration															
DT570	3	64	14.2	1	0	Y	VG	—	MS	R	MS	MR	R	MS	
DT832	3	72	14.1	0	0	Y	G	—	S	R	I	R	R	S	
GRAND MEAN		65	14.1												
LSD (0.05)		6	0.5												

1 Leaf Spots rating is a combination of resistance to tan spot, spot blotch and septoria leaf disease complex.

2 Fusarium head blight (FHB) infection is highly influenced by environment and heading date. Under high levels of the disease all varieties will sustain damage.

Yield Comparisons

Variety	2013 Yield (bu/acre)		
	Boissevain	Melita	Souris
AAC Current	60	41	63
AAC Marchwell VB	58	69	86
AAC Raymore	62	54	83
Brigade	70	65	82
CDC Desire	59	47	83
CDC Verona	58	66	81
CDC Vivid	57	54	76
Eurostar	73	66	82
Strongfield	61	65	82
Transcend	60	61	85
Varieties that have been supported for registration			
DT570	71	51	79
DT832	79	64	87
SITE GRAND MEAN (bu/acre)	64	59	81
CV %	9.2	7.1	6.4
LSD %	10	7	9
Sign Diff	Yes	Yes	Yes
Seeding Date	17-May	27-May	23-May
Harvest Date	17-Sep	12-Sep	04-Sep

DURUM WHEAT (continued)

Protein Comparisons

Variety	2013 Protein (%)		
	Boissevain	Melita	Souris
AAC Current	14.2	—	13.1
AAC Marchwell VB	13.9	—	13.2
AAC Raymore	13.8	—	12.8
Brigade	12.9	—	11.8
CDC Desire	13.9	—	13.0
CDC Verona	14.1	—	12.6
CDC Vivid	14.1	—	14.4
Eurostar	13.3	—	12.6
Strongfield	14.1	—	13.3
Transcend	13.1	—	13.3
Varieties that have been supported for registration			
DT570	14.3	—	12.7
DT832	13.4	—	13.1
SITE GRAND MEAN (%)	13.8	—	13.0

WINTER WHEAT

New for 2014

Variety	Class	Code	Breeder	Distributor	Seed Availability
AAC Gateway	CWRW	W478	AAFC - Lethbridge	Seed Depot	2015
Emerson	CWRW	W454	AAFC - Lethbridge	CANTERRA SEEDS	2014
Swainson	CWGP	DH01-25-135*R	Department of Plant Sciences, U of S	Department of Plant Sciences, U of S	2014

Varieties that have been supported for registration

CWGP	1303-132-1	Department of Plant Sciences, U of M
CWGP	1603-137-1	Department of Plant Sciences, U of M

Comments:

Seed of the new variety **Emerson** will be commercially available for seeding in Fall 2014.

As of August 1, 2013, the varieties **CDC Kestrel**, **CDC Clair**, **CDC Harrier** and **CDC Raptor** belong to the Canada Western General Purpose class. The Canadian Grain Commission will move **CDC Falcon** from the Canada Western Red Winter class to the Canada Western General Purpose class as of August 1, 2014.

Accipiter, **Broadview**, **CDC Harrier**, **CDC Raptor**, **Peregrine** and **Swainson** are hard red kernel types, **Sunrise** is a soft red kernel type, and **CDC Ptarmigan** is a soft white kernel type.

The variety **Emerson** is the first winter wheat variety registered for production in Canada that is rated Resistant (R) to Fusarium Head Blight. Depending on the level of disease pressure, varieties that are rated as Resistant will be infected to some degree. If disease pressure is high, yield and/or quality loss due to FHB can still occur in R-rated varieties.

Variety Descriptions

Class/Variety	Site Years Tested	Yield bu/acre	Protein %	Height +/- 26 inches	Relative ¹ Maturity	Resistance Level:					
						Lodging	Common Bunt	Stem rust	Leaf rust	Fusarium ² Head Blight	Relative ³ Winter Hardiness
Canada Western Red Winter											
AAC Gateway	5	79	11.9	1	M	VG	S	MR	I	I	F
CDC Buteo	91	79	11.3	4	M	G	S	I	I	MR	VG
CDC Falcon	95	78	11.3	0	E	VG	S	MR	MR	S	F
Emerson	5	79	12.6	4	M	VG	S	R	I	R	F
Flourish	21	82	11.5	2	E	VG	MR	I	I	S	F
McClintock	80	77	11.5	7	L	VG	S	R	MR	S	F
Moats	23	82	11.6	6	E	G	MS	R	R	S	G
Canada Western General Purpose											
Accipiter	35	82	11.0	3	M	VG	S	R	MR	MS	G
Broadview	32	81	11.0	2	E	VG	S	R	R	S	G
CDC Harrier	47	79	10.5	8	M	G	S	MR	MS	S	G
CDC Ptarmigan	41	81	9.7	8	M	F	S	S	S	I	G
CDC Raptor	73	76	11.2	3	M	VG	S	R	I	S	G

Class/Variety	Site Years Tested	Yield bu/acre	Protein %	Height +/- 26 inches	Relative ¹ Maturity	Resistance Level:					
						Lodging	Common Bunt	Stem rust	Leaf rust	Fusarium ² Head Blight	Relative ³ Winter Hardiness
Peregrine☉	36	84	10.9	10	M	G	S	I	MR	I	VG
Sunrise	33	84	10.4	6	M	G	S	MR	MR	—	G
Swainson	15	86	10.9	8	M	F	S	R	R	—	F
Varieties that have been supported for registration											
Canada Western General Purpose											
1303-132-2	5	84	10.8	6	M	G	S	R	R	MS	F
1603-137-1	15	82	11.2	4	M	G	S	R	R	MS	G
GRAND MEAN		80	11.1								
LSD (0.05)		4	0.3								

1 Maturity ratings: E = Early, M = Medium and L = Late. CDC Falcon is considered an Early (E) maturing variety. Varieties plus 2 to 4 days compared to CDC Falcon would be Medium (M) maturing. Varieties greater than 4 days compared to CDC Falcon would be rated as Late (L) maturing.

2 Winter wheat varieties generally have poor genetic resistance to fusarium head blight. Earlier flowering of winter wheat relative to spring wheat may allow winter wheat to escape infection. The ratings provided are based on data from the Co-operative Registration Trials and/or performance in commercial fields.

3 All registered varieties have similar (good) winter hardiness if seeded at the optimum date into standing stubble where good snow cover can be assured. For the newer varieties, there is limited information currently available. As these varieties are grown on more acres, a better understanding of relative winter hardiness will follow.

Yield Comparisons

Class/Variety	2013 Yield (bu/acre)				
	Arborg	Beausejour	Carman	Stonewall	Winnipeg
Canada Western Red Winter					
AAC Gateway☉	79	63	84	92	88
CDC Buteo	86	71	87	95	99
CDC Falcon	80	59	86	82	82
Emerson☉	80	62	92	86	77
Flourish☉	84	—	88	98	87
Moats☉	91	48	96	94	100
Canada Western General Purpose					
Broadview☉	82	64	85	87	82
Sunrise	97	60	104	108	86
Swainson	108	66	113	117	86
Varieties that have been supported for registration					
Canada Western General Purpose					
1303-132-2	99	64	102	97	97
1603-137-1	91	58	93	110	93
SITE GRAND MEAN (bu/acre)	89	61	94	97	89
CV%	6.5	7.8	5.8	5.8	6.1
LSD (bu/acre)	10	8	9	10	12
Sign Diff	Yes	Yes	Yes	Yes	Yes
Seeding Date	05-Sep	25-Sep	17-Sep	06-Sep	11-Sep
Harvest Date	13-Aug	28-Aug	22-Aug	28-Aug	15-Aug

Protein Comparisons

Class/Variety	2013 Protein (%)				
	Arborg	Beausejour	Carman	Stonewall	Winnipeg
Canada Western Red Winter					
AAC Gateway☉	12.8	12.2	13.1	13.0	10.7
CDC Buteo	12.1	11.2	12.1	12.0	10.7
CDC Falcon	12.0	11.2	12.5	11.9	10.6
Emerson☉	13.0	13.1	13.8	13.4	12.0
Flourish☉	12.3	—	12.9	12.2	10.5
Moats☉	11.9	12.1	12.6	12.1	11.5
Canada Western General Purpose					
Broadview☉	11.4	10.9	12.2	11.6	10.5
Sunrise	11.1	10.9	11.5	11.4	9.7
Swainson	11.7	11.0	11.8	11.6	10.2
Varieties that have been supported for registration					
Canada Western General Purpose					
1303-132-2	11.3	11.0	11.6	11.9	10.2
1603-137-1	11.6	11.2	12.1	11.9	10.9
SITE GRAND MEAN (%)	11.9	11.5	12.4	12.1	10.7

FALL RYE

Comments:

Fall Rye was last tested in 2009.

All fall rye varieties have good winter survival.

Variety Descriptions

Variety	Yield % Check	Site Years Tested	Height + / - Check	Resistance Level:		
				Lodging	Shattering	Ergot
AC Remington	93	26	-10	VG	VG	MS
AC Rifle	86	26	-11	VG	VG	MS
Hazlet	110	26	-4	G	G	MS
Prima	100	26	0	F	F	MS
CHECK CHARACTERISTICS						
Prima	97	26	45			
	bu/acre	site years	inches			

TRITICALE

Comments:

Triticale was last tested in 2000.

Triticale is used in Canada both as a food and livestock feed. Seed yield is generally higher than Glenlea wheat but protein content is slightly lower.

The newer available varieties, although susceptible, have reduced incidence of ergot compared to nonregistered varieties and rye.

Forage yields of some varieties are listed in the Forage Crops section.

Variety Descriptions

Variety	Yield % Check	Site Years Tested	Days to Maturity +/- Check	Height +/- Check	Resistance Level:					
					Lodging	Stem Rust	Leaf Rust	Bunt	Fusarium ¹ Head Blight	
AC Alta	102	22	-1	-7	G	R	R	R	—	
AC Certa	101	22	-3	-2	G	R	R	R	I	
AC Copia	92	18	-2	-3	G	R	R	R	—	
AC Ultima	104	5	-4	-4	G	R	R	R	I	
Banjo	100		0	0	G	R	R	R	—	
Pronghorn	97	17	-4	-2	G	R	R	R	MR	
SANDRO	105	20	-3	-6	G	R	R	R	—	
CHECK CHARACTERISTICS										
Banjo	62	32	100	42						
	bu/acre	site years	days	inches						

¹ Fusarium head blight (FHB) infection is highly influenced by environment and heading date. Data on varietal reaction to FHB is limited and should be used with caution. Under high levels of the disease all varieties will sustain damage.

Distributor Contacts for Varieties in Seed Manitoba 2014

Look up variety within the correct CROP KIND to find the company, then look for company phone number in the box at bottom of section.

BARLEY

Malting: Acceptance - Recommended

AC Metcalfe (2)☺	SeCan
Bentley (2)☺	CANTERRA SEEDS
CDC Copeland (2)☺	SeCan
CDC Kindersley (2)☺	SeCan
CDC Meredith (2)☺	SeCan
CDC Polarstar (2)☺	CANTERRA SEEDS
Celebration (6W)☺	CANTERRA SEEDS
LEGACY (6W)☺	Crop Production Services (CPS) & FP Genetics
Major (2)☺	CPS Canada
Merit 57 (2)☺	CANTERRA SEEDS
Newdale (2)☺	FP Genetics
Tradition (6W)☺	Crop Production Services (CPS) & FP Genetics

Malting: Acceptance - Under Testing

AAC Synergy (2)☺	Syngenta Seeds Canada Inc.
CDC Anderson (6)☺	SeCan
CDC Mayfair (6)☺	CANTERRA SEEDS
Cerveza (2)☺	Mastin Seeds
Norman (2)☺	FP Genetics

Malting: Other

CDC Battleford (6W)☺	SeCan
CDC Kamsack (6)☺	CANTERRA SEEDS
CDC Kendall (2)☺	Crop Production Services (CPS)
CDC Reserve (2)☺	SeCan
Lacey (6W)☺	Alliance Seed Corporation
Robust (6W)	Crop Development Centre
Stellar-ND (6W)☺	CANTERRA SEEDS

Food and Feed

AC Ranger (6F)	FP Genetics
Amisk (6)☺	SeCan
Brahma (2)☺	Crop Production Services (CPS)
Breton (6F)☺	CANTERRA SEEDS
Canmore (2)☺	CANTERRA SEEDS
CDC Austenson (2)☺	SeCan
CDC Coalition☺	CANTERRA SEEDS
CDC Cowboy (F)☺	SeCan
CDC Helgason (2)☺	SeCan
CDC Maverick (2F)☺	SeCan
CDC Mindon (2)☺	SeCan
CDC Trey (2)☺	FP Genetics
CDC YORKTON (6W)	CANTERRA SEEDS
Champion (2)☺	Crop Production Services (CPS)
Chigwell (6)☺	SeCan
CONLON (2)☺	Seed Depot
Desperado (6F)☺	Alliance Seed Corporation
Gadsby (2)☺	SeCan
Muskwa (6)☺	SeedNet
Sundre (6)☺	Mastin Seeds
XENA (2)	Crop Production Services (CPS)

Hulless

CDC Carter (2)☺	SeCan
CDC Clear (2)☺	Crop Development Centre
CDC Lophy-1 (2)	Crop Development Centre
Taylor (2)☺	Alliance Seed Corporation

OATS

AAC Justice	FP Genetics
AC Morgan	SeCan
Bradley☺	SeCan
CDC Big Brown☺	SeCan
CDC Dancer☺	FP Genetics
CDC Haymaker☺	SeCan
CDC Minstrel☺	FP Genetics
CDC Morrison☺	CANTERRA SEEDS
CDC ProFi	Crop Development Centre
CDC Ruffian☺	FP Genetics
CDC Seabiscuit☺	CANTERRA SEEDS
CDC Weaver☺	FP Genetics
Furlong☺	CANTERRA SEEDS
HiFi☺	Seed Depot
Jordan☺	SeCan
Leggett☺	FP Genetics
Pinnacle☺	FP Genetics

OATS

Ronald☺	SeCan
Souris☺	Seed Depot
Stainless☺	AAFC - Cereal Research Centre
Stride☺	SeCan
Summit☺	FP Genetics
Triactor☺	CANTERRA SEEDS

HULLESS OATS

AC Belmont	SeCan
AC Gwen	SeCan
GEHL☺	Wedge Farms
Navan	Eastern Cereal Research Centre

SPRING WHEAT

Canada Western Red Spring

5602HR☺	Crop Production Services (CPS)
5603HR☺	Crop Production Services (CPS)
5604HR CL☺	Crop Production Services (CPS)
5605HR CL☺	Crop Production Services (CPS)
AAC Elie☺	Alliance Seed Corporation
AAC Brandon☺	SeCan
AAC Bailey☺	CANTERRA SEEDS
AAC Redwater☺	SeCan
AC Barrie☺	SeCan
AC Cadillac	FP Genetics
AC Domain	SeCan
Alvena☺	SeCan
Carberry☺	SeCan
Cardale☺	Seed Depot
CDC Abound☺	Crop Production Services (CPS)
CDC Go	Crop Development Centre
CDC Kernen☺	CANTERRA SEEDS
CDC Plentiful☺	FP Genetics
CDC Stanley☺	Crop Production Services (CPS)
CDC Thrive☺	Cargill Ltd.
CDC Utmost VB☺	FP Genetics
CDC VR Morris☺	Crop Production Services (CPS)
Fieldstar VB☺	SeCan
Glenn☺	CANTERRA SEEDS
Goodeve VB☺	Alliance Seed Corporation
Harvest☺	FP Genetics
Infinity☺	CANTERRA SEEDS
KANE☺	SeCan
Muchmore☺	FP Genetics
Shaw VB☺	SeCan
Somerset☺	SeCan
Stettler☺	SeCan
Superb☺	SeCan
SY433☺	Cargill Ltd.
Unity VB☺	SeCan
Vesper VB☺	SeCan
Waskada☺	SeCan
WR859 CL☺	Richardson Pioneer



MANNESSE
Seed

Pasteur, Plentiful, Carberry, Prosper Wheat;
Austenson, Celebration Barley;
Summit and Souris Oats;
Bravo Flax

Please Contact Ron, Graeme or Merrill
736-2622

SPRING WHEAT

Canada Prairie Spring Red

5700PR☉	Crop Production Services (CPS)
5702PR☉	Crop Production Services (CPS)
AAC Ryley☉	SeCan
Conquer VB☉	CANTERRA SEEDS
Enchant VB☉	FP Genetics
SY985☉	Crop Production Services (CPS) & Richardson Pioneer

Canada Western Extra Strong

Burnside	Faurschou Farms Ltd. III
CDN Bison	Faurschou Farms Ltd. III
Glencross VB	Faurschou Farms Ltd. III

Canadian Western Hard White Spring

AAC Iceberg☉	Alliance Seed Corporation
AAC Whitefox☉	SeCan
Snowbird☉	FP Genetics
Snowstar☉	SeCan
Whitehawk☉	SeCan

Canada Western Soft White Spring

AAC Chiffon☉	SeedNet
AC Andrew	SeCan
Sadash☉	SeCan

Canada Western General Purpose

AAC Innova☉	Alliance Seed Corporation
AAC Proclaim☉	FP Genetics
CDC NRG003☉	CANTERRA SEEDS
Minnedosa☉	SeCan
NRG010☉	CANTERRA SEEDS
Pasteur	SeCan

Canada Western Amber Durum

AAC Current☉	Alliance Seed Corporation
AAC Marchwell VB☉	SeCan
AAC Raymore☉	SeCan
Brigade☉	Crop Production Services (CPS)
CDC Desire☉	Syngenta Canada Inc.
CDC Verona☉	Alliance Seed Corporation
CDC Vivid☉	Crop Production Services (CPS)s
Enterprise☉	CANTERRA SEEDS

SPRING WHEAT

Eurostar☉	SeCan
Strongfield☉	SeCan
Transcend☉	FP Genetics

WINTER WHEAT

Canada Western Red Winter

AAC Gateway☉	Seed Depot
CDC Buteo	SeCan
CDC Falcon	SeCan
Emerson☉	CANTERRA SEEDS
Flourish☉	SeCan
McClintock☉	CANTERRA SEEDS
Moats☉	SeCan

Canada Western General Purpose

Accipiter☉	SeCan
Broadview☉	CANTERRA SEEDS
CDC Harrier	SeCan
CDC Ptarmigan	Western Ag
CDC Raptor	SeCan
Peregrine☉	SeCan
Sunrise	Western Ag
Swainson	Department of Plant Sciences, U of S

FALL RYE

AC Remington	CANTERRA SEEDS
AC Rifle	SeCan
Hazlet	SeCan
Prima	SeCan

TRITICALE

AC Alta	Progressive Seeds Ltd.
AC Certa	Progressive Seeds Ltd.
AC Copia	FP Genetics
AC Ultima	FP Genetics
Banjo	FP Genetics
Pronghorn	Progressive Seeds Ltd.
SANDRO	FP Genetics

GPS, Flow monitors, Variable Rates and Speed.....



And you didn't have your seed tested?

No matter how precisely its planted, you don't know what your going to get if you don't know what you started with. Make sure your seed matches your other hi-tech management practices.

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Cargill Ltd.	1-888-855-8558
Crop Development Centre.....	1-306-966-8195
Department of Plant Sciences, U of S	1-306-931-9299
Faurschou Farms Ltd. III	1-204-857-7109
FP Genetics.....	1-877-791-1045
Mastin Seeds.....	1-403-556-2609
Crop Production Services (CPS)	1-306-569-5027
Richardson Pioneer.....	1-204-934-5166
SeCan	1-800-665-7333
Seed Depot	1-204-825-2000
SeedNet	1-403-725-2126
Syngenta Canada Inc.....	1-877-964-3682
Western Ag.....	1-306-978-0373

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Growers List



BARLEY

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders' Rights protected. Other varieties may have PBR protection pending.

AC METCALFE ☼

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Dauphin; Kaleta, James & Debra	204-638-8587	R
Decker; Murray, Donald H. & Ryan	204-764-2733	C
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	C
Wawanesa; Ellis, Warren P. & Simon	204-824-2290	C

BENTLEY ☼

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Decker; Murray, Donald H. & Ryan	204-764-2733	C
Glenboro; Jefferies, Ron	204-827-2102	C
Grandview; Storey, R. Kip & Troy K.	204-546-2590	C
Miniota; Walker, Alan Glen	204-567-3647	C
Pilot Mound; Wallace, Brad & Joe	204-825-2628	C
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	R
Virden; Heaman, Douglas J., Walter, Robert & Kenneth...	204-748-2666	C

BRAHMA ☼

Boissevain; Armstrong, Duncan T. & A.J.	204-534-2566	F
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CDC AUSTENSON ☼

Darlingford; Wilson, James M.	204-246-2388	C
Dauphin; Durston, James A.	204-638-7623	S
Decker; Murray, Donald H. & Ryan	204-764-2733	R
Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	S F
Hamiota; Knight, Ronald M. & Jeff	204-764-2450	C
Inglis; Jackson, Glenn & Carman	204-564-2293	C
Killarney; Brinkschulte, Hermann	204-523-7464	C
Miniota; Walker, Alan Glen	204-567-3647	C
Miniota; Walker, Lawrence William	204-567-3647	S
Minnedosa; Gugin, R. Craig	204-867-3411	C
Newdale; Wareham, Bruce E.	204-849-2029	C
Oakville; Miller, Darcy Charles	204-267-2283	C
Plumas; Court, Randolph A. & Jeanine	204-386-2354	C
Plumas; Tonn, Todd	204-386-2206	C
Stonewall; Unger, Ronald K. & Darcy	204-467-8630	S
Swan River; Alford, Wayne G.	204-734-2526	C
Warren; Jones, Gavin R.	204-322-5604	C

CDC COALITION ☼

Rivers; Redsper Ent. Ltd.	204-328-5346	C
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CDC COPELAND ☼

Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	C
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CDC COWBOY ☼

Cromer; Bartel, Bob	204-662-4484	C
Crystal City; Buchanan, Kenneth S. & Dean K.	204-873-2661	F R
Solsgirth; Nickel, James D. & John H. & Kevin J. & J.Gordon	204-842-3786	C

CDC KINDERSLEY ☼

Warren; Jones, Gavin R.	204-322-5604	S R
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CDC MAVERICK ☼

Crystal City; Buchanan, Kenneth S. & Dean K.	204-873-2661	S
Decker; Murray, Donald H. & Ryan	204-764-2733	S R
Ste. Rose; Gagnon, Arthur Donald	204-447-2118	S

CDC MEREDITH ☼

Carman; Elias, Isaac	204-745-3301	C
Decker; Murray, Donald H. & Ryan	204-764-2733	C
Miniota; Walker, Alan Glen	204-567-3647	C
Minto; Fraser, Rick G.	204-776-2047	C
Oak Lake; Smith, Gerald R. & Leigh E.	204-855-2808	C
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	C
Solsgirth; Nickel, James D. & John H. & Kevin J. & J.Gordon	204-842-3786	C
Stonewall; Unger, Ronald K. & Darcy	204-467-8630	C

BARLEY

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CDC POLARSTAR ☼

Winnipeg; Canterra Seeds Ltd.	204-988-9750	R
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CELEBRATION ☼

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Decker; Murray, Donald H. & Ryan	204-764-2733	C
Letellier; Barnabe, Roger	204-737-2000	C
Mac Gregor; Hulme, Lorne	204-685-2627	C
Plumas; Court, Randolph A. & Jeanine	204-386-2354	C
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	R C

CHAMPION ☼

Boissevain; Armstrong, Duncan T. & A.J.	204-534-2566	C
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CONLON ☼

Crystal City; Fallis, J. Allan & Mark A.	204-873-2305	C
Crystal City; Smith, R. Wally	204-873-2248	C
Glenboro; Jefferies, Ron	204-827-2102	C
Grosse Isle; Rutherford, Jack A. & Rick	204-467-5613	C
Killarney; Brinkschulte, Hermann	204-523-7464	C
Lowe Farm; Penner, Curtis	204-829-3556	C
Oakville; Miller, Darcy Charles	204-267-2283	C
Pilot Mound; Seed Depot Corporation	204-825-2000	C
Pilot Mound; Smith, John M. & Walter George	204-825-2715	C
Plumas; Court, Randolph A. & Jeanine	204-386-2354	C
Portage; Pugh, William G. & B.M.	204-274-2179	C
Somerset; Sierens, Joseph & Chris	204-744-2883	C
St. Claude; Rouire, Roland & Guy	204-379-2582	C
Ste. Anne; Dueck, Jacob Eldon, Brian J. & Ken G.	204-355-4495	C
Ste. Rose; Gagnon, Arthur Donald	204-447-2118	C
Teulon; Kletke, Herbert T. & Helen Eva & Glenn H.	204-886-2822	C
Virden; Heaman, Douglas J., Walter, Robert & Kenneth...	204-748-2666	C

DESPERADO ☼

Plumas; Tonn, Todd	204-386-2206	F R
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LEGACY ☼

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	R
Crystal City; Smith, R. Wally	204-873-2248	R

MERIT 57 ☼

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
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NEWDALE ☼

Boissevain; Armstrong, Duncan T. & A.J.	204-534-2566	C
Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Boissevain; Peters, Scott	204-534-6692	C
Domain; Pitura, Carl & Calvin C.	204-736-2849	C
Hamiota; Knight, Ronald M. & Jeff	204-764-2450	C
Inglis; Jackson, Glenn & Carman	204-564-2293	C
Minto; Ayre, Andrew	204-776-2333	C
Morris; Hamblin, David & Lorraine	204-746-4779	C
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	C
Russell; Keating, Mark	204-773-3854	C
Russell; Woroneski, Frank M.	204-773-3262	R
Souris; Kohut, Anton	204-483-2004	C
Souris; Kohut, David Anton	204-483-3063	S
Ste. Anne; Dueck, Jacob Eldon, Brian J. & Ken G.	204-355-4495	C

SUNDRE ☼

Virden; Heaman, Douglas J., Walter, Robert & Kenneth...	204-748-2666	C
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TRADITION ☼

Gladstone; Milne, Wilmot George	204-385-2486	C
Rosser; Krym, Lynden	204-467-5143	S F
Rosser; Mulligan, Kenneth	204-322-5373	C
Winnipeg; James, David J. & Dorothy	204-222-8785	C

OATS

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AAC JUSTICE

Boissevain; Froese, Wesley A.J. & Ian 204-534-6846 S
Domain; Pitura, Carl & Calvin C. 204-736-2849 S

CDC BIG BROWN☼

Oakville; Miller, Darcy Charles 204-267-2283 R
Stonewall; Unger, Ronald K. & Darcy 204-467-8630 S F R

CDC DANCER☼

Hamiota; Knight, Ronald M. & Jeff 204-764-2450 S F C
Russell; Woroneski, Frank M. 204-773-3262 C

CDC MORRISON☼

Winnipeg; Canterra Seeds Ltd. 204-988-9750 R

CDC SO-I☼

Ste. Anne; Dueck, Jacob Eldon, Brian J. & Ken G. 204-355-4495 C

FURLONG☼

Mac Gregor; Hulme, Lorne 204-685-2627 C
Somerset; Sierens, Joseph & Chris 204-744-2883 F

GEHL

Landmark; Gehrler, Uli 204-326-8439 C

JORDAN☼

Dauphin; Durston, James A. 204-638-7623 R
Killarney; Chatham, Don & Linda 204-523-8412 C

LEGGETT☼

Cromer; Bartel, Patrick 204-662-4466 C
Gladstone; Milne, Wilmot George 204-385-2486 C
Killarney; Chatham, Don & Linda 204-523-8412 C
Newdale; Wareham, Bruce E. 204-849-2029 C
Souris; Kohut, Anton 204-483-2004 C

PINNACLE☼

Boissevain; Froese, Wesley A.J. & Ian 204-534-6846 R C
Mac Gregor; Hulme, Lorne 204-685-2627 C
Rosser; Krym, Justin 204-467-5143 C
Rosser; Krym, Lynden 204-467-5143 S C

RONALD☼

Dauphin; Durston, James A. 204-638-7623 R
Foxwarren; Hamilton, Frank James 204-683-2496 C
Swan River; Oberlin, Walter John & George 204-734-2292 C

SOURIS☼

Altona; Wiebe, Henry D. & Lloyd 204-324-8036 C
Arborg; Timchishen, Doanld Victor & Darcy 204-376-5116 C
Brandon; Martens, David 204-728-5510 C
Domain; Pitura, Carl & Calvin C. 204-736-2849 C
Domain; Wiens, Robert Frank 204-736-2951 C
Gilbert Plains; Tokar, Bob & Stoughton, Murray 204-548-2805 C
Glenboro; Jefferies, Ron 204-827-2102 C
Homewood; Froebe, Earl W., Bruce D. & Murray 204-745-2868 C
Mac Gregor; Hulme, Lorne 204-685-2627 C
Notre Dame; Durand, Gabriel A. & Marc 204-248-2268 C
Oakville; Miller, Darcy Charles 204-267-2283 C
Pilot Mound; Seed Depot Corporation 204-825-2000 C
Pilot Mound; Smith, John M. & Walter George 204-825-2715 C
Portage; Pugh, William G. & B.M. 204-274-2179 C
Rivers; Redspere Ent. Ltd. 204-328-5346 C
Rosenort; Friesen, Rick & Lloyd 204-746-8325 C
Sanford; Bergen, Edward Harry & Tim 204-736-2278 C
St. Claude; Rouire, Roland & Guy 204-379-2582 C
Ste. Anne; Dueck, Jacob Eldon, Brian J. & Ken G. 204-355-4495 C
Ste. Rose; Gagnon, Arthur Donald 204-447-2118 C
Virden; Heaman, Douglas J., Walter, Robert & Kenneth... 204-748-2666 C

OATS

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Wawanesa; Ellis, Warren P. & Simon 204-824-2290 C
Winnipeg; James, David J. & Dorothy 204-222-8785 C

STRIDE☼

Crystal City; Buchanan, Kenneth S. & Dean K. 204-873-2661 R
Dauphin; Ritchie, Raymond 204-638-7543 R C
Minto; Fraser, Rick G. 204-776-2047 R
Notre Dame; Durand, Gabriel A. & Marc 204-248-2268 F
Portage; Sanderson, Garry 204-857-8406 C
Warren; Riddell, Clifford Royden & Craig Thomas 204-227-5679 S C

SUMMIT☼

Boissevain; Froese, Wesley A.J. & Ian 204-534-6846 C
Domain; Manness, Ronald & Patricia & Graeme 204-736-2622 R
Domain; Manness, Sidney & Ronald & Clayton 204-736-2622 C
Domain; Pitura, Carl & Calvin C. 204-736-2849 S F C
Fannystelle; Nadeau, Brian 204-436-2469 R C
Gladstone; Milne, Wilmot George 204-385-2486 C
Glenella; Schmidt, Kenneth Frederick & Adrene, Lukin, Shirley 204-352-4435 S F R
Grosse Isle; Rutherford, Jack A. & Rick 204-467-5613 C
Hamiota; Knight, Ronald M. & Jeff 204-764-2450 C
Oak River; Henry, Cameron & Mc Lean, Eric 204-566-2422 C
Souris; Kohut, David Anton 204-483-3063 S
Ste. Anne; Dueck, Jacob Eldon, Brian J. & Ken G. 204-355-4495 C
Winnipeg; James, David J. & Dorothy 204-222-8785 C

TRIACTOR☼

Dauphin; Kaleta, James & Debra 204-638-8587 C
Decker; Murray, Donald H. & Ryan 204-764-2733 C
Miniota; Walker, Alan Glen 204-567-3647 C
Reston; Greig, Fred L. & Fotheringham, John A. (Jack).... 204-877-3813 C
Stonewall; Unger, Ronald K. & Darcy 204-467-8630 C

SPRING WHEAT

5602HR☼

Boissevain; Armstrong, Duncan T. & A.J. 204-534-2566 C

5604HR CL☼

Boissevain; Armstrong, Duncan T. & A.J. 204-534-2566 S C
Dauphin; Kaleta, James & Debra 204-638-8587 C

AAC BRANDON☼

Altona; Wiebe, Henry D. & Lloyd 204-324-8036 S R
Baldur; Desrochers, David Oscar 204-535-2090 S
Binscarth; Pizzey, Tim V. 204-683-2316 F R C
Brandon; Martens, David 204-728-5510 F
Brandon; Whetter, Rodney & Darren 204-727-0045 F R
Cromer; Bartel, Bob 204-662-4484 R
Crystal City; Smith, R. Wally 204-873-2248 F
Dauphin; Kaleta, James & Debra 204-638-8587 R
Decker; Murray, Donald H. & Ryan 204-764-2733 C
Domain; Pitura, Carl & Calvin C. 204-736-2849 S R
Dufrost; Catellier, Patrick Raymond 204-347-5503 R
Elie; Lachance, J.B. Adrien & Paul M. & Lionel 204-353-2694 F R
Foxwarren; Graham, George Arthur 204-683-2367 R C
Hazelridge; Saramaga, Robert P. & Andrew 204-755-2817 F R
Holland; Patenaude, Donald & Robert 204-526-2391 R
Kenton; Stevenson, Robert H. & Sidney H. 204-838-2012 F R
Mac Gregor; Hulme, Lorne 204-685-2627 F
Manitou; Sanders, Andre O. & Daniel 204-242-2576 F
Mather; Mc Lennan, Donald D. 204-529-2372 R
Minto; Fraser, Rick G. 204-776-2047 S F
Morris; Hamblin, Lorne & Christine 204-746-6403 S
Notre Dame; Durand, Gabriel A. & Marc 204-248-2268 S
Oak River; Henry, Cameron & Mc Lean, Eric 204-566-2422 S R

SPRING WHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders' Rights protected. Other varieties may have PBR protection pending.

Oakville; Miller, Darcy Charles	204-267-2283	S	R
Pilot Mound; Wallace, Brad & Joe	204-825-2628		R
Plum Coulee; Janzen, Ken & Ernie A.....	204-829-7749	S	
Portage; Sanderson, Garry	204-857-8406	S	R
Portage; Sissons, Grant G., Donald Angus & Blye	204-857-7341	S	R
Rosenort; Friesen, Rick & Lloyd	204-746-8325	S	R
Sanford; Bergen, Edward Harry & Tim	204-736-2278	S	R
Somerset; Sierens, Joseph & Chris	204-744-2883	S	R
Somerset; Van Deynze, Marc	204-744-2384		R
St. Leon; Labossiere, Luc N. & Rejean F.....	204-744-2208	S	R
Treherne; Stinson, Gary Donald	204-723-2319		R
Warren; Riddell, Clifford Royden & Craig Thomas	204-227-5679	S	F R
Winkler; Ens, Abram E. & Chris & Friesen, Jake	204-325-4658		S

AAC ELIE ☼

Boissevain; Armstrong, Duncan T. & A.J.	204-534-2566		F
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AAC ICEBERG ☼

Grosse Isle; Rutherford, Jack A. & Rick	204-467-5613		R
Kenton; Stevenson, Richard D.O. & Douglas	204-838-2696		F
Warren; Riddell, Clifford Royden & Craig Thomas	204-227-5679	S	F
Winnipeg; Alliance Seed Corporation.....	204-272-2890		C

AAC PROCLAIM ☼

Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	S	F
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AAC RYLEY ☼

Swan River; Alford, Wayne G.	204-734-2526		R
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AC BARRIE ☼

Binscarth; Pizzey, Tim V.....	204-683-2316		C
Portage; Pugh, William G. & B.M.....	204-274-2179		R

AC CADILLAC

Cromer; Bartel, Patrick	204-662-4466		C
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AC DOMAIN

Dauphin; Ritchie, John Ross & Raymond	204-638-7543		C
Dauphin; Ritchie, Raymond	204-638-7543		C
Gilbert Plains; Tokar, Bob & Stoughton, Murray	204-548-2805		R C
Kenville; Carmichael, John A.....	204-734-3913		R C
Plum Coulee; Janzen, Ken & Ernie A.....	204-829-7749	S	F R
Russell; Woroneski, Frank M.....	204-773-3262		R
Swan River; Oberlin, Walter John & George	204-734-2292		C

AC SPLENDOR

Kenville; Carmichael, John A.....	204-734-3913	S	C
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CARBERRY ☼

Altona; Sawatsky, Joni	204-324-6140		C
Altona; Wiebe, Henry D. & Lloyd	204-324-8036		R C
Binscarth; Cook, Gerry	204-532-2268		C
Binscarth; Pizzey, Tim V.....	204-683-2316		C
Boissevain; Froese, Wesley A.J. & Ian	204-534-6846		C
Boissevain; Latimer, Kevin B. & Duane E.....	204-534-6631		C
Boissevain; Martens, Ben F. & John J. & Ryan	204-534-6952		R
Boissevain; Peters, Scott	204-534-6692		C
Brandon; Martens, David	204-728-5510		C
Brandon; Wheat City Seeds Ltd.	204-727-3337		C
Brandon; Whetter, Rodney & Darren	204-727-0045	S	F R
Carman; Elias, Isaac	204-745-3301		C
Carman; Mc Cutcheon, Shawn Milton.....	204-745-3245		R C
Carman; Menold, Thomas	204-745-3377		R
Clearwater; Bere, Craig R.....	204-529-2558		C
Crandall; Doupe, Neil D.....	204-562-3632		C
Cromer; Bartel, Bob	204-662-4484		C
Cromer; Bartel, Patrick	204-662-4466		C
Crystal City; Buchanan, Kenneth S. & Dean K.....	204-873-2661		R
Crystal City; Fallis, J. Allan & Mark A.....	204-873-2305		C
Darlingford; Dudgeon, Gilbert Arthur.....	204-246-2357		C
Darlingford; Wilson, James M.....	204-246-2388		C
Dauphin; Fisher, Roderick Allan & Douglas James.....	204-622-8800		C
Dauphin; Kaleta, James & Debra	204-638-8587		C
Dauphin; Ritchie, John Ross & Raymond	204-638-7543		R C
Dauphin; Ritchie, Raymond	204-638-7543		C
Decker; Murray, Donald H. & Ryan.....	204-764-2733		C
Deloraine; Bolduc, Ronald And Bell, A.J. & J.C.....	204-747-2913		R C
Domain; Manness, Ronald & Patricia & Graeme	204-736-2622		C
Domain; Pitura, Carl & Calvin C.....	204-736-2849	S	F R
Dufrost; Catellier, Patrick Raymond.....	204-347-5503		C
East Selkirk; Kuzminski, John William	204-482-3813		C
Elie; Lachance, J.B. Adrien & Paul M. & Lionel.....	204-353-2694		R C
Elphinstone; Gerrard, Jody	204-759-2213		C
Foxwarren; Falloon, Larry	204-683-2247		R C
Foxwarren; Graham, George Arthur.....	204-683-2367		C
Gladstone; Milne, Wilmot George.....	204-385-2486		C
Grandview; Storey, R. Kip & Troy K.	204-546-2590		C
Grosse Isle; Rutherford, Jack A. & Rick	204-467-5613		C
Hamiota; Knight, Ronald M. & Jeff	204-764-2450		C
Hazelridge; Saramaga, Robert P. & Andrew	204-755-2817	S	R C
Holland; Vigar, Murray & Gary	204-526-2108		R
Holland; Zeghers, Donald Edmond	204-526-2145		F C
Homewood; Froebe, Earl W., Bruce D. & Murray	204-745-2868		C
Inglis; Jackson, Glenn & Carman	204-564-2293		C
Kenton; Stevenson, Richard D.O. & Douglas	204-838-2696		R C
Kenton; Stevenson, Robert H. & Sidney H.....	204-838-2012		C
Kenville; Carmichael, John A.....	204-734-3913		R C
Killarney; Brinkschulte, Hermann	204-523-7464		C
Killarney; Chatham, Don & Linda	204-523-8412		C

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SPRING WHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders' Rights protected. Other varieties may have PBR protection pending.

La Salle; Turski, Robert	204-736-4130	C
La Salle; Wiens, Edward & Ernie	204-736-2646	R
Lowe Farm; Penner, Curtis	204-829-3556	C
Mac Gregor; Hulme, Lorne	204-685-2627	C
Manitou; Hiebert, Robert J.	204-242-3040	R
Manitou; Sanders, Andre O. & Daniel	204-242-2576	R
Miniota; Walker, Alan Glen	204-567-3647	C
Minto; Ayre, Andrew	204-776-2333	C
Minto; Fraser, Rick G.	204-776-2047	R
Morden; Park, Robert J.	204-745-0088	R
Morris; Dueck, Arthur	204-746-2026	C
Morris; Hamblin, David & Lorraine	204-746-4779	C
Newdale; Wareham, Bruce E.	204-849-2029	C
Notre Dame; Durand, Gabriel A. & Marc	204-248-2268	S F C
Notre Dame; Durand, Leo	204-248-2372	R
Oak Lake; Smith, Gerald R. & Leigh E.	204-855-2808	R C
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	C
Oakville; Miller, Darcy Charles	204-267-2283	C
Pilot Mound; Cavers, Landon	204-825-2012	C
Pilot Mound; Wallace, Brad & Joe	204-825-2628	C
Plum Coulee; Giesbrecht, H. Edward & Raymond J.	204-829-3365	R
Plum Coulee; Janzen, Ken & Ernie A.	204-829-7749	R
Plumas; Court, Randolph A. & Jeanine	204-386-2354	S F C
Plumas; Tonn, Todd	204-386-2206	S F R
Portage; Askin, Raymond T. & Jeffrey S.	204-274-2417	C
Portage; Sanderson, Garry	204-857-8406	R
Portage; Sissons, Grant G., Donald Angus & Blye	204-857-7341	S F R
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	F C
Rivers; Krahn, Abe M., Ronald J. & Robert A.	204-328-7189	S C
Rivers; Redspers Ent. Ltd.	204-328-5346	C
Rosenort; Friesen, Rick & Lloyd	204-746-8325	S F R C
Rosburn; Mitchell, John	204-859-2431	R C

SPRING WHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders' Rights protected. Other varieties may have PBR protection pending.

Rosser; Krym, Lynden	204-467-5143	F R C
Russell; Keating, Mark	204-773-3854	C
Sanford; Bergen, Edward Harry & Tim	204-736-2278	S F R
Solsgrith; Nickel, James D. & John H. & Kevin J. & J.Gordon	204-842-3786	C
Somerset; Sierens, Joseph & Chris	204-744-2883	F R
Somerset; Van Deynze, Marc	204-744-2384	C
Souris; Kohut, Anton	204-483-2004	R C
St. Joseph; Parent, Renald & Paul	204-737-2625	C
St. Joseph; Remillard, Aime J.	204-737-2230	C
St. Leon; Labossiere, Luc N. & Rejean F.	204-744-2208	F R
Ste. Anne; Dueck, Jacob Eldon, Brian J. & Ken G.	204-355-4495	C
Ste. Rose; Gagnon, Arthur Donald	204-447-2118	C
Stonewall; Unger, Ronald K. & Darcy	204-467-8630	S F R
Swan River; Oberlin, Walter John & George	204-734-2292	C
Treherne; Stinson, Gary Donald	204-723-2319	R
Virden; Hutchison, Barry	204-851-6157	C
Warren; Jones, Gavin R.	204-322-5604	C
Warren; Riddell, Clifford Royden & Craig Thomas	204-227-5679	C
Wawanesa; Ellis, Warren P.	204-824-2290	C
Wawanesa; Ellis, Warren P. & Simon	204-824-2290	C
Winkler; Ens, Abram E. & Chris & Friesen, Jake	204-325-4658	C
Winnipeg; James, David J. & Dorothy	204-222-8785	C

CARDALE ☼

Arborg; Timchishen, Doanld Victor & Darcy	204-376-5116	R
Binscarth; Pizzey, Tim V.	204-683-2316	C
Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	R
Brandon; Wheat City Seeds Ltd.	204-727-3337	C
Carman; Menold, Ulrich	204-745-2822	R
Crystal City; Fallis, J. Allan & Mark A.	204-873-2305	R
Crystal City; Smith, R. Wally	204-873-2248	R

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Darlingford; Wilson, James M.....	204-246-2388	F R
Dauphin; Fisher, Roderick Allan & Douglas James.....	204-622-8800	R
Dauphin; Kaleta, James & Debra.....	204-638-8587	R
Domain; Pitura, Carl & Calvin C.....	204-736-2849	C
Domain; Wiens, Robert Frank.....	204-736-2951	C
Dufrost; Catellier, Patrick Raymond.....	204-347-5503	C
Elphinstone; Gerrard, Jody.....	204-759-2213	C
Gilbert Plains; Tokar, Bob & Stoughton, Murray.....	204-548-2805	R
Glenboro; Jefferies, Ron.....	204-827-2102	R
Grandview; Storey, R. Kip & Troy K.....	204-546-2590	R
Grosse Isle; Rutherford, Jack A. & Rick.....	204-467-5613	R
Holland; Zeghers, Donald Edmond.....	204-526-2145	R
Homewood; Froebe, Earl W., Bruce D. & Murray.....	204-745-2868	S R C
Lowe Farm; Penner, Curtis.....	204-829-3556	R C
Mac Gregor; Hulme, Lorne.....	204-685-2627	R
Minto; Ayre, Andrew.....	204-776-2333	R
Morris; Hamblin, David & Lorraine.....	204-746-4779	C
Notre Dame; Durand, Gabriel A. & Marc.....	204-248-2268	R
Oak River; Henry, Cameron & Mc Lean, Eric.....	204-566-2422	R C
Oakville; Miller, Darcy Charles.....	204-267-2283	R
Pilot Mound; Seed Depot Corporation.....	204-825-2000	S F R C
Pilot Mound; Smith, John M. & Walter George.....	204-825-2715	F R C
Plumas; Court, Randolph A. & Jeanine.....	204-386-2354	F R C
Portage; Pugh, William G. & B.M.....	204-274-2179	F C
Reston; Greig, Fred L. & Fotheringham, John A. (Jack).....	204-877-3813	F R
Rosenort; Friesen, Rick & Lloyd.....	204-746-8325	S F C
Russell; Keating, Mark.....	204-773-3854	C
Solsgirth; Nickel, James D. & John H. & Kevin J. & J.Gordon.....	204-842-3786	C
Somerset; Sierens, Joseph & Chris.....	204-744-2883	S F R
Souris; Kohut, David Anton.....	204-483-3063	R
Ste. Anne; Dueck, Jacob Eldon, Brian J. & Ken G.....	204-355-4495	C
Ste. Rose; Gagnon, Arthur Donald.....	204-447-2118	R C
Stonewall; Unger, Ronald K. & Darcy.....	204-467-8630	C
Teulon; Kletke, Herbert T. & Helen Eva & Glenn H.....	204-886-2822	C
Virden; Heaman, Douglas J., Walter, Robert & Kenneth.....	204-748-2666	R C
Warren; Riddell, Clifford Royden & Craig Thomas.....	204-227-5679	F C
Winkler; Ens, Abram E. & Chris & Friesen, Jake.....	204-325-4658	C

CDC GO

Boissevain; Froese, Wesley A.J. & Ian.....	204-534-6846	C
Brandon; Martens, David.....	204-728-5510	S F C
Elm Creek; Runne, James Armin.....	204-745-0145	C
Kenville; Carmichael, Hugh E.....	204-734-3672	R
Minto; Fraser, Rick G.....	204-776-2047	C
Morris; Friesen, Lonnie.....	204-746-6632	C
Swan River; Alford, Wayne G.....	204-734-2526	R

CDC PLENTIFUL ☼

Domain; Manness, Ronald & Patricia & Graeme.....	204-736-2622	S F
Oak River; Henry, Cameron & Mc Lean, Eric.....	204-566-2422	F
Swan River; Alford, Wayne G.....	204-734-2526	S F

SPRING WHEAT

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CDC STANLEY ☼

Boissevain; Armstrong, Duncan T. & A.J.....	204-534-2566	C
Foxwarren; Falloon, Larry.....	204-683-2247	C
Gilbert Plains; Tokar, Bob & Stoughton, Murray.....	204-548-2805	C
Plum Coulee; Janzen, Ken & Ernie A.....	204-829-7749	C
Winnipeg; Canamera Foods Limited.....	204-925-1754	C

CDC UTMOST VB ☼

Binscarth; Pizzey, Tim V.....	204-683-2316	
Grandview; Storey, R. Kip & Troy K.....	204-546-2590	
Hamiota; Knight, Ronald M. & Jeff.....	204-764-2450	
Inglis; Jackson, Glenn & Carman.....	204-564-2293	
Kenton; Stevenson, Robert H. & Sidney H.....	204-838-2012	
Oak River; Henry, Cameron & Mc Lean, Eric.....	204-566-2422	
Russell; Keating, Mark.....	204-773-3854	
Russell; Woroneski, Frank M.....	204-773-3262	
Swan River; Alford, Wayne G.....	204-734-2526	

CDC VR MORRIS ☼

Boissevain; Armstrong, Duncan T. & A.J.....	204-534-2566	R
Gilbert Plains; Tokar, Bob & Stoughton, Murray.....	204-548-2805	R

CONQUER VB ☼

Winnipeg; Canterra Seeds Ltd.....	204-988-9750	S
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ENCHANT VB ☼

Swan River; Alford, Wayne G.....	204-734-2526	
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FIELDSTAR VB ☼

Binscarth; Cook, Murray.....	204-532-2239	
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GLENCROSS VB

Portage; Fauschou, Gerald W.....	204-252-2411	
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GLENN ☼

Binscarth; Cook, Gerry.....	204-532-2268	C
Boissevain; Froese, Wesley A.J. & Ian.....	204-534-6846	C
Boissevain; Peters, Scott.....	204-534-6692	C
Crandall; Doupe, Neil D.....	204-562-3632	C
Darlingford; Wilson, James M.....	204-246-2388	C
Dauphin; Kaleta, James & Debra.....	204-638-8587	C
Decker; Murray, Donald H. & Ryan.....	204-764-2733	C
Domain; Pitura, Carl & Calvin C.....	204-736-2849	C
Domain; Wiens, Robert Frank.....	204-736-2951	C
Dufrost; Catellier, Patrick Raymond.....	204-347-5503	C
Grandview; Storey, R. Kip & Troy K.....	204-546-2590	R
Hazelridge; Saramaga, Robert P. & Andrew.....	204-755-2817	C
Holland; Zeghers, Donald Edmond.....	204-526-2145	C
Inglis; Beischer, Derek.....	204-564-2117	C

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Mac Gregor; Hulme, Lorne.....	204-685-2627	C
Manitou; Sanders, Andre O. & Daniel	204-242-2576	C
Miniota; Walker, Alan Glen	204-567-3647	C
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	C
Plumas; Court, Randolph A. & Jeanine.....	204-386-2354	C
Portage; Munro, Clarke Allan & Jared Cory & Trevor Clarke.	204-857-8272	C
Portage; Sissons, Grant G., Donald Angus & Blye	204-857-7341	C
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	C
Rivers; Redspen Ent. Ltd.....	204-328-5346	C
St. Joseph; Parent, Renald & Paul	204-737-2625	C
Virden; Heaman, Douglas J., Walter, Robert & Kenneth...	204-748-2666	C
Winkler; Ens, Abram E. & Chris & Friesen, Jake	204-325-4658	C

HARVEST☼

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Boissevain; Peters, Scott.....	204-534-6692	C
Gilbert Plains; Tokar, Bob & Stoughton, Murray.....	204-548-2805	C
Grandview; Storey, R. Kip & Troy K.	204-546-2590	R C
Hamiota; Knight, Ronald M. & Jeff	204-764-2450	R C
Holland; Zeghers, Donald Edmond	204-526-2145	C
Inglis; Jackson, Glenn & Carman	204-564-2293	C
Killarney; Brinkschulte, Hermann	204-523-7464	C
Killarney; Chatham, Don & Linda	204-523-8412	C
Newdale; Wareham, Bruce E.....	204-849-2029	C
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	C
Plumas; Court, Randolph A. & Jeanine.....	204-386-2354	C
Russell; Keating, Mark.....	204-773-3854	C
Russell; Woroneski, Frank M.	204-773-3262	R
Somerset; Sierens, Joseph & Chris	204-744-2883	F R C
Souris; Kohut, David Anton	204-483-3063	C
Swan River; Alford, Wayne G.	204-734-2526	R C

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KANE☼

Boissevain; Latimer, Kevin B. & Duane E.....	204-534-6631	R
Boissevain; Martens, Ben F. & John J. & Ryan	204-534-6952	C
Holland; Marginet , Reginald	204-526-2544	R C
Holland; Patenaude, Donald & Robert	204-526-2391	C
Plumas; Tonn, Todd	204-386-2206	F R
Portage; Sanderson, Garry	204-857-8406	R
St. Leon; Labossiere, Luc N. & Rejean F.....	204-744-2208	C

MUCHMORE☼

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Gilbert Plains; Tokar, Bob & Stoughton, Murray.....	204-548-2805	R
Hamiota; Knight, Ronald M. & Jeff	204-764-2450	S R C
Killarney; Brinkschulte, Hermann	204-523-7464	C
Killarney; Chatham, Don & Linda	204-523-8412	C
Newdale; Wareham, Bruce E.....	204-849-2029	C
Plumas; Court, Randolph A. & Jeanine.....	204-386-2354	C
Plumas; Court, Randolph A. & Jeanine.....	204-386-2354	C
Russell; Keating, Mark.....	204-773-3854	R C
Somerset; Sierens, Joseph & Chris	204-744-2883	F R
Souris; Kohut, Anton.....	204-483-2004	C
Souris; Kohut, David Anton	204-483-3063	F C
Swan River; Alford, Wayne G.	204-734-2526	R C

PASTEUR

Boissevain; Armstrong, Duncan T. & A.J.	204-534-2566	C
Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Boissevain; Peters, Scott.....	204-534-6692	C
Brandon; Wheat City Seeds Ltd	204-727-3337	C
Carman; Menold, Thomas	204-745-3377	R
Crandall; Doupe, Neil D.	204-562-3632	C
Darlingford; Wilson, James M.....	204-246-2388	C

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Midge tolerant wheat protects your crop against devastating pest damage, but it's up to you to protect the technology. The Stewardship Agreement limits the use of farm-saved seed to one generation past Certified seed. It's a simple step that keeps the interspersed refuge system at the proper level, preventing build-up of resistant midge. Without the refuge, we risk losing the one and only tolerant gene. There is no plan B.

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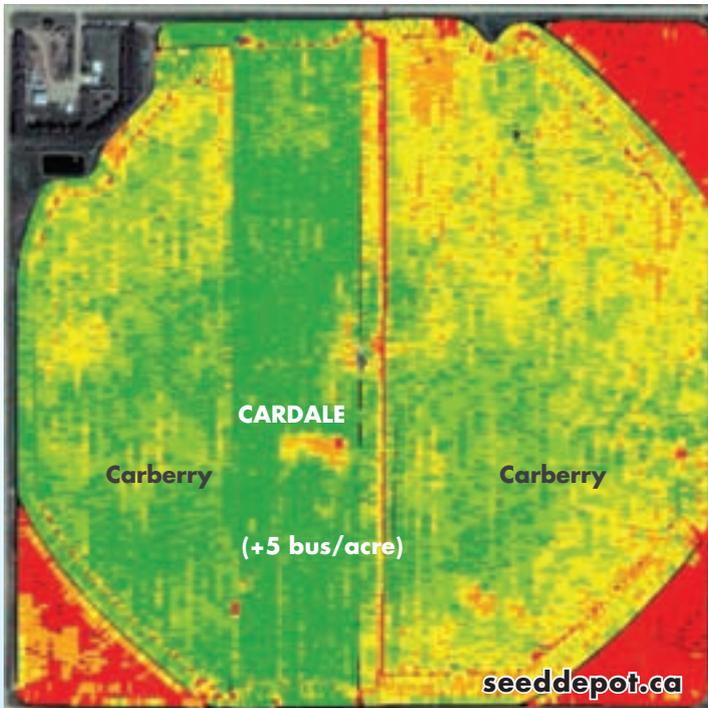
Decker; Murray, Donald H. & Ryan.....	204-764-2733	C
Domain; Manness, Ronald & Patricia & Graeme.....	204-736-2622	S R C
Dufrost; Catellier, Roger & Richard.....	204-347-5503	C
Fannystelle; Nadeau, Brian.....	204-436-2469	C
Glenella; Schmidt, Kenneth Frederick & Adrene, Lukin, Shirley.....	204-352-4435	S
Grosse Isle; Rutherford, Jack A. & Rick.....	204-467-5613	C
Hazelridge; Saramaga, Robert P. & Andrew.....	204-755-2817	C
Holland; Patenaude, Donald & Robert.....	204-526-2391	C
Homewood; Froebe, Earl W., Bruce D. & Murray.....	204-745-2868	C
Kenton; Stevenson, Richard D.O. & Douglas.....	204-838-2696	C
Kenton; Stevenson, Robert H. & Sidney H.....	204-838-2012	C
Killarney; Brinkschulte, Hermann.....	204-523-7464	C
Mac Gregor; Hulme, Lorne.....	204-685-2627	R
Minto; Ayre, Andrew.....	204-776-2333	C
Morden; Park, Robert J.....	204-745-0088	C
Morris; Hamblin, Donald & Bradley.....	204-746-8233	C
Oak River; Henry, Cameron & Mc Lean, Eric.....	204-566-2422	C
Oakville; Miller, Darcy Charles.....	204-267-2283	C
Pilot Mound; Wallace, Brad & Joe.....	204-825-2628	C
Plumas; Court, Randolph A. & Jeanine.....	204-386-2354	C
Rivers; Redsper Ent. Ltd.....	204-328-5346	C
Rosenort; Friesen, Rick & Lloyd.....	204-746-8325	C
Russell; Christopher, Bruce.....	204-773-3850	C
Russell; Keating, Mark.....	204-773-3854	C
Sanford; Bergen, Edward Harry & Tim.....	204-736-2278	C
Somerset; Sierens, Joseph & Chris.....	204-744-2883	C
Souris; Kohut, David Anton.....	204-483-3063	C
Ste. Anne; Dueck, Jacob Eldon, Brian J. & Ken G.....	204-355-4495	C
Virden; Heaman, Douglas J., Walter, Robert & Kenneth.....	204-748-2666	R C
Warren; Riddell, Clifford Royden & Craig Thomas.....	204-227-5679	C
Wawanesa; Ellis, Warren P. & Simon.....	204-824-2290	C

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SNOWBIRD☼		
Rosser; Krym, Lynden.....	204-467-5143	C
SNOWSTAR☼		
Crystal City; Fallis, J. Allan & Mark A.....	204-873-2305	R
Killarney; Chatham, Don & Linda.....	204-523-8412	C
Mather; Mc Lennan, Donald D.....	204-529-2372	C
UNITY VB☼		
Binscarth; Cook, Murray.....	204-532-2239	
Boissevain; Martens, Ben F. & John J. & Ryan.....	204-534-6952	
Kenton; Stevenson, Robert H. & Sidney H.....	204-838-2012	
VESPER VB☼		
Binscarth; Cook, Gerry.....	204-532-2268	
Binscarth; Cook, Murray.....	204-532-2239	
Boissevain; Froese, Wesley A.J. & Ian.....	204-534-6846	
Crandall; Doupe, Neil D.....	204-562-3632	
Foxwarren; Graham, George Arthur.....	204-683-2367	
Foxwarren; Hamilton, Frank James.....	204-683-2496	
Glenboro; Jefferies, Ron.....	204-827-2102	
Mather; Mc Lennan, Donald D.....	204-529-2372	
Miniota; Walker, Alan Glen.....	204-567-3647	
Minto; Fraser, Rick G.....	204-776-2047	
Oak River; Henry, Cameron & Mc Lean, Eric.....	204-566-2422	
Solsgirth; Nickel, James D. & John H. & Kevin J. & J.Gordon.....	204-842-3786	
Virden; Heaman, Douglas J., Walter, Robert & Kenneth.....	204-748-2666	

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New
"Straight Cut"
Cardale
"More Wheat...Less Shatter"



- ✓ Consistent High Yields & Protein
- ✓ Semi dwarf – short good lodging
- ✓ Excellent Disease Package
- ✓ Medium Maturity
- ✓ Best Fusarium Rating – Solid MR
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Avondale Seed Farm Ltd.	877-3813	Nickel Bros.	773-6734
Boissevain Select Seeds	534-6846	Pitura Seed Service Ltd.	736-2849
Catellier Seeds	347-5588	Pugh Seeds Ltd.	274-2179
Clearview Acres Ltd.	748-2666	David Hamblin	746-4779
Court Seeds	386-2354	Riddell Seed Co	227-5679
Dauphin Plains Seeds Ltd.	638-7800	Rutherford Farms Ltd.	467-5613
David Kohut Ltd.	483-3063	Bob Wiens	736-2951
Durand Seeds Inc	745-7577	Seine River Seed	355-4495
Ellis Farm Supplies Ltd.	824-2290	Sierens Seed Service	744-2883
Ens Quality Seeds	325-4658	Smith Seeds	873-2248
Fisher Seeds Ltd.	622-8800	Southern Seeds Ltd	776-2333
Friesen Seeds Ltd.	746-8325	Swan Valley Seeds	734-2526
Gagnon Seed Service	447-2118	T&S Seeds	548-2117
Hulme Agri Products Inc.	685-2627	Timchishen Seeds	376-5116
Inland Seed Corp.	683-2316	Triple "S" Seeds Ltd.	546-2590
J.S. Henry & Sons Ltd.	566-2422	Unger Seed Farm Ltd.	467-8630
Jeffries Seed Service	827-2102	Westman Aerial Spray	763-8998
Keating Seed Farms	773-3854	Wheat City Seeds	727-3337
Kletke Seed Farms	886-2822	Wilson Seeds Ltd.	246-2388
MB Seeds	746-4652	Zeghers Seed Farm	526-2145

Manitoba Farmers, This is Will Van Roessel's Cardale vs Carberry results last year - Seed Growers experienced similar or even better results this year. I believe Cardale may work just as well on your farm. All the best as you make plans for 2014.

John M. Smith
(204) 825-2000

SPRING WHEAT

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WASKADA ☼

Rosburn; Mitchell, John 204-859-2431 C

WHITEHAWK ☼

Domain; Manness, Ronald & Patricia & Graeme 204-736-2622 R

WINTER WHEAT

AAC GATEWAY ☼

Crystal City; Smith, R. Wally 204-873-2248 S

Glenboro; Jefferies, Ron 204-827-2102 S

Plumas; Court, Randolph A. & Jeanine 204-386-2354 S

Rosenort; Friesen, Rick & Lloyd 204-746-8325 S

Sanford; Bergen, Edward Harry & Tim 204-736-2278 S

Warren; Riddell, Clifford Royden & Craig Thomas 204-227-5679 S

ACCIPITER ☼

Plumas; Tonn, Todd 204-386-2206 C

BROADVIEW ☼

Mac Gregor; Hulme, Lorne 204-685-2627 R C

CDC BUTEO

Dauphin; Kaleta, James & Debra 204-638-8587 C

Rivers; Redsper Ent. Ltd. 204-328-5346 C

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AC Flourish	Short Strong Straw, Eligible for Select Class Higher protein than Falcon
Moats	Out yields Buteo Height and Lodging similar to Buteo
Sunrise	Soft Red Winter Wheat Excellent for Ethanol Production Short Straw & Very High Yields Strong Disease Package
Ptarmigan	Soft White Wheat Excellent for Ethanol Production High Yields

SPRING VARIETIES AVAILABLE – RED SPRING

CDC GO	Short Strong Straw, Very High Yielder, Good Protein
Carberry	Short, High Yielder
Vesper	Midge Tolerant, Tall Straw, Strong Yielder And Protein

SPRING

Barley	CDC Merideth, Versatile Two Row Malt
---------------	--------------------------------------

WINTER WHEAT

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CDC FALCON

Altona; Sawatsky, Joni 204-324-6140 C

Altona; Sawatzky, John 204-324-6364 C

Altona; Wiebe, Henry D. & Lloyd 204-324-8036 C

Boissevain; Armstrong, Duncan T. & A.J. 204-534-2566 C

Carman; Dyck, Brad J. 204-745-3415 C

Darlingford; Wilson, James M. 204-246-2388 C

Elm Creek; Runne, James Armin 204-745-0145 C

Glenboro; Jefferies, Ron 204-827-2102 C

Grosse Isle; Rutherford, Jack A. & Rick 204-467-5613 C

Killarney; Brinkschulte, Hermann 204-523-7464 C

Lowe Farm; Penner, Curtis 204-829-3556 C

Mac Gregor; Sims, Curtis Edwin 204-685-2237 C

Morris; Hamblin, David & Lorraine 204-746-4779 C

Morris; Hamblin, Lorne & Christine 204-746-6403 C

St. Joseph; Parent, Renald & Paul 204-737-2625 C

Ste. Anne; Dueck, Jacob Eldon, Brian J. & Ken G. 204-355-4495 C

EMERSON ☼

Altona; Wiebe, Henry D. & Lloyd 204-324-8036 F

Darlingford; Wilson, James M. 204-246-2388 S

Dauphin; Kaleta, James & Debra 204-638-8587 S F

Domain; Manness, Ronald & Patricia & Graeme 204-736-2622 S F

Domain; Pitura, Carl & Calvin C. 204-736-2849 S F

Dufrost; Catellier, Patrick Raymond 204-347-5503 S F

Fannystelle; Nadeau, Brian 204-436-2469 F

Glenella; Schmidt, Kenneth Frederick & Adrene, Lukin, Shirley 204-352-4435 S F

Hazelridge; Saramaga, Robert P. & Andrew 204-755-2817 S F

Holland; Zeghers, Donald Edmond 204-526-2145 S F

Lowe Farm; Penner, Curtis 204-829-3556 F

Mac Gregor; Hulme, Lorne 204-685-2627 F

Morris; Dueck, Arthur 204-746-2026 F

Morris; Hamblin, David & Lorraine 204-746-4779 F

Morris; Hamblin, Lorne & Christine 204-746-6403 S

Portage; Munro, Clarke Allan & Jared Cory & Trevor Clarke. 204-857-8272 F

Reston; Greig, Fred L. & Fotheringham, John A. (Jack) 204-877-3813 F

Rosenort; Friesen, Rick & Lloyd 204-746-8325 F

Thornhill; Rothenburger, Kelvin W. 204-822-1444 S F

FLOURISH ☼

Altona; Sawatsky, Joni 204-324-6140 R

Altona; Wiebe, Henry D. & Lloyd 204-324-8036 C

Arborg; Timchishen, Doanld Victor & Darcy 204-376-5116 F C

Boissevain; Armstrong, Duncan T. & A.J. 204-534-2566 R C

Brandon; Whetter, Rodney & Darren 204-727-0045 R

Carman; Dyck, Ron A. 204-745-3415 R

Carman; Elias, Isaac 204-745-3301 C

Crystal City; Smith, R. Wally 204-873-2248 R

Darlingford; Wilson, James M. 204-246-2388 F R

Dauphin; Fisher, Roderick Allan & Douglas James 204-622-8800 R

Domain; Johnson, David & Don 204-746-0275 R C

Domain; Manness, Ronald & Patricia & Graeme 204-736-2622 S F R C

Domain; Pitura, Carl & Calvin C. 204-736-2849 S F R

Dufrost; Catellier, Patrick Raymond 204-347-5503 C

Dufrost; Catellier, Roger & Richard 204-347-5503 C

Elm Creek; Runne, James Armin 204-745-0145 C

Elphinstone; Gerrard, Jody 204-759-2213 R

Fannystelle; Nadeau, Brian 204-436-2469 C

Glenboro; Jefferies, Ron 204-827-2102 R

Glenella; Schmidt, Kenneth Frederick & Adrene, Lukin, Shirley 204-352-4435 F R

Grosse Isle; Rutherford, Jack A. & Rick 204-467-5613 R C

Hazelridge; Saramaga, Robert P. & Andrew 204-755-2817 S R

Holland; Zeghers, Donald Edmond 204-526-2145 S F C

Killarney; Brinkschulte, Hermann 204-523-7464 C

Landmark; Gehr, Uli 204-326-8439 C

Lowe Farm; Penner, Curtis 204-829-3556 S R C

Mac Gregor; Sims, Curtis Edwin 204-685-2237 R C

Morden; Park, Robert J. 204-745-0088 R

Morden; Rampton, Denzil J. 204-822-3369 C

Morris; Dueck, Arthur 204-746-2026 R C

Morris; Hamblin, David & Lorraine 204-746-4779 F R

WINTER WHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders' Rights protected. Other varieties may have PBR protection pending.

Morris; Hamblin, Donald & Bradley	204-746-8233	R
Morris; Hamblin, Lorne & Christine	204-746-6403	S
Notre Dame; Durand, Gabriel A. & Marc	204-248-2268	S F
Oakville; Miller, Darcy Charles	204-267-2283	C
Plumas; Court, Randolph A. & Jeanine	204-386-2354	R C
Portage; Askin, Raymond T. & Jeffrey S.	204-274-2417	R C
Portage; Munro, Clarke Allan & Jared Cory & Trevor Clarke.	204-857-8272	C
Portage; Yuill, Kevin A.	204-857-8708	R
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	R
Rosenort; Friesen, Rick & Lloyd	204-746-8325	C
Rosser; Krym, Lynden	204-467-5143	C
Rosser; Mulligan, Kenneth	204-322-5373	R
Sanford; Bergen, Edward Harry & Tim	204-736-2278	S F C
Somerset; Sierens, Joseph & Chris	204-744-2883	C
Somerset; Van Deynze, Marc	204-744-2384	C
St. Claude; Rouire, Roland & Guy	204-379-2582	C
St. Joseph; Parent, Renald & Paul	204-737-2625	C
St. Leon; Labossiere, Luc N. & Rejean F.	204-744-2208	R
St. Anne; Dueck, Jacob Eldon, Brian J. & Ken G.	204-355-4495	R
Stonewall; Unger, Ronald K. & Darcy	204-467-8630	R C
Thornhill; Rothenburger, Kelvin W.	204-822-1444	R
Warren; Riddell, Clifford Royden & Craig Thomas	204-227-5679	R
Winnipeg; James, David J. & Dorothy	204-222-8785	R

MOATS ☼

Brandon; Whetter, Rodney & Darren	204-727-0045	R
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SUNRISE

Mather; Mc Lennan, Donald D.	204-529-2372	C
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FALL RYE

DANKO

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	S F R C
Hamiota; Knight, Ronald M. & Jeff	204-764-2450	C
Souris; Kohut, David Anton	204-483-3063	S F

HAZLET

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	R C
Dauphin; Durston, James A.	204-638-7623	S R
Glenella; Schmidt, Kenneth Frederick & Adrene, Lukin, Shirley	204-352-4435	R
Holland; Patenaude, Donald & Robert	204-526-2391	R
Holland; Zeghers, Donald Edmond	204-526-2145	S C
Morden; Park, Robert J.	204-745-0088	R

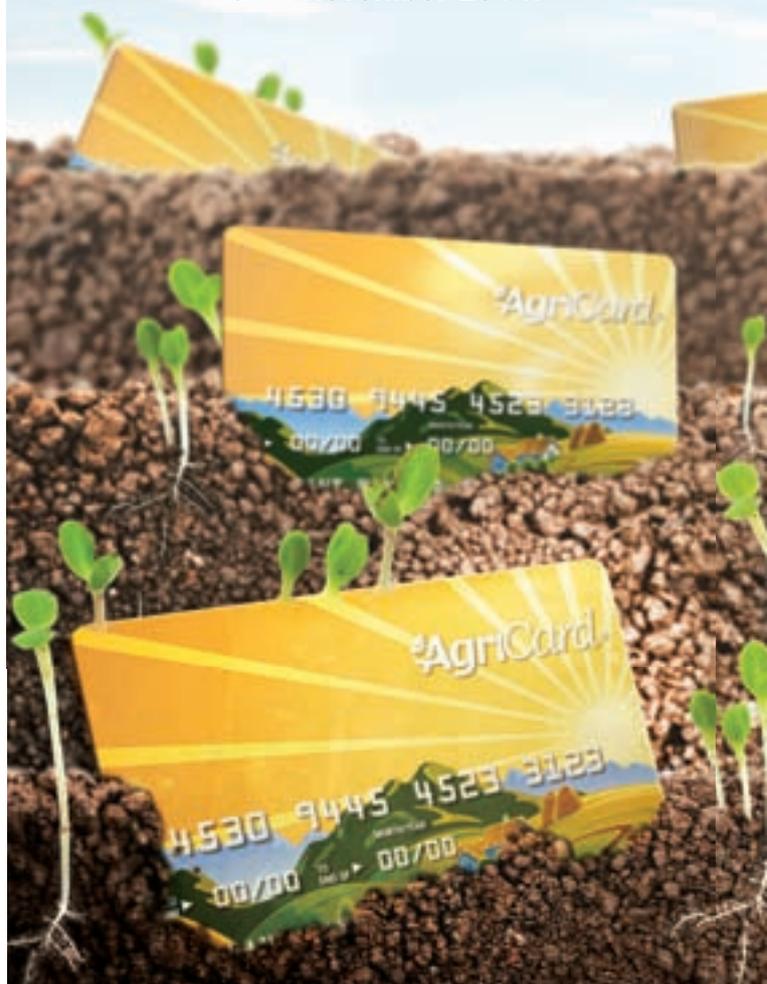
TRITICALE (WINTER)

FRIDGE

Glenella; Schmidt, Kenneth Frederick & Adrene, Lukin, Shirley	204-352-4435	R C
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